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Lancaster Farming

VOL. 29 No. 34 | Four Sections | Lancaster Farming, Saturday, June 23, 1984 | $7.50 per Year

Pa. FFA goes West for leader

BY DICK ANGLESTEIN

UNIVERSITY PARK — Following the heavy weekend and Monday rains, sparkling blue skies spread an appropriately colored canopy over the Penn State campus this week.

For beneath those blue skies was a sea of blue jackets on campus as Pa. FFA members participated in their annual Activities Week competition at the 56th Summer Convention.

Chapters from throughout the state sent their best to compete and "go for the gold" in more than two dozen different contests.

And out of the 1700 or so competitors emerged an approximate elite 10 percent who attained that gold – some of whom will now move on to regional and national competition.

While traditional FFA power areas made strong showings in the contests, there was evidence too that youthful ag expertise is moving west.

Contest highlights showed:

--Lancaster County clearly emerged as the top winners, capturing some 10 of the 27 first-place golds in the team and individual contests.

–The only other counties with multiple first-place golds were Berks and Beaver (there's the west) with two each.

–Single first-place golds were recorded by competitors from the counties of Somerset, Union, Lebanon, Washington, Cumberland, Centre, Fayette, Blair, Erie, Perry, York, Dauphin and Chester.

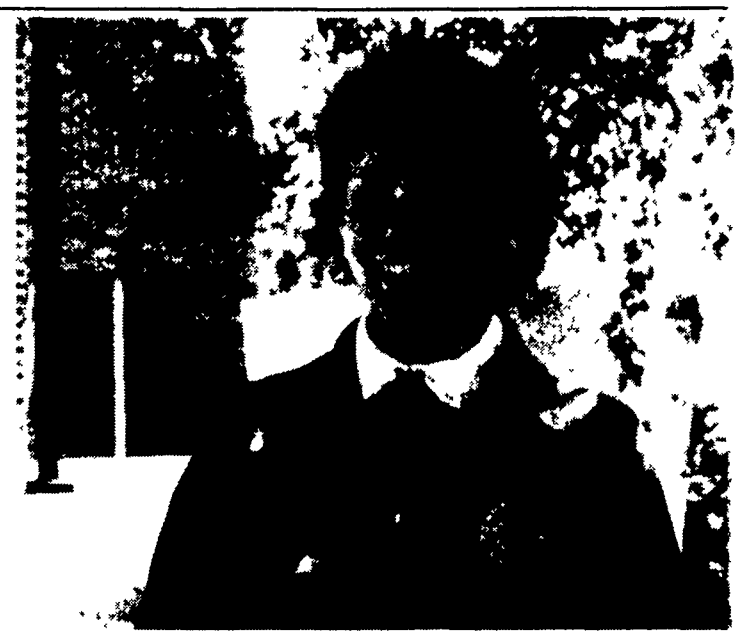
As the list shows, a good representation of Western Pennsylvania winners were crowned and top laurels in the West must go to the H. G. Parkinson Chapter at Fort Cherry High School in Washington County with both the new state president and the winner of the Creed competition.

–And when the Pa. FFA finally decided to break with tradition and elect a female president last year, they stuck with it this year and elected a second female FFA'er as leader for 1984-85. She's 17-year-old Laurie J. Duran, daughter of Michael G. and JoAnn Duran, R1 Bulger, Washington County. Active in parliamentary procedure and public speaking, she has served her chapter as secretary and president and her county as reporter, secretary and president. Her projects have included poultry meats and home gardening.

The remaining slate of new FFA officers includes:

Vice President – Tim Pfautz, Cloister Chapter, Ephrata. He follows older brother Mike who

(Turn to Page A26)



Laurie J. Duran, 1984-85 Pa. FFA President.

Lancaster crowns dairy princess

Lancaster County's new Dairy Princess is 18-year-old Judy Miller, the daughter of Mr. and Mrs. Wilbur Miller, R2 Manheim. Miss Miller was crowned 1984 Dairy Princess last Friday night during ceremonies at the Farm and Home Center, Lancaster. Her story appears on Page B14 with many other county pageant results also listed throughout Section B.

Alfalfa salad features more rye

BY DICK ANGLESTEIN

ROCK SPRINGS — Dairy cows and other livestock in Pennsylvania may soon have a new salad in their daily diet - alfalfa mixed with rye grass.

The alfalfa - ryegrass mixture, replacing the more traditional orchard grass mix, was among the Penn State research featured in the forage portion of the Agronomy Field Day on Tuesday at Rock Springs.

Sid Bosworth, newly arrived from Alabama to replace John Baylor as the Nittany Lion forage expert, lists a number of advantages to mixing the perennial ryegrass with the alfalfa:

— "Ryegrass is a high quality forage," he explained. "A recent Pennsylvania study has shown it to be higher in crude protein and in vitro dry matter digestibility than the alfalfa- orchardgrass mixtures."

Other advantages:

— Alfalfa persists better with ryegrass than with orchardgrass "In the same study, ryegrass

(Turn to Page A16)

Part IV - Merchandising

DAIRY'S FUTURE

Whatever it holds, it's in your hands

(Editor's note: Ask a farmer why he decided to dairy farm, and the reasons will be as varied as the breeds of dairy cattle. Some will answer "for the way of life," while others will respond "to work with cattle." Today, Laura England, dairy editor of Lancaster Farming, visits with Dennis Wolff of Millville, Columbia County, who went into dairying with goals to establish a quality Holstein herd for merchandising purposes. While Wolff relies on the merchandising potential of his herd to make his living, the success of his operation, as all dairy operations, depends on the current dairy situation).

A solid dairy operation and a strong embryo transfer program form the basis for Dennis Wolff's merchandising enterprise.

BY LAURA ENGLAND

MILLVILLE — At the young age of 16 years, when most high school students are undecided about their futures, one Columbia County farm boy was fairly certain about his future plans. It took one year away from home and in college to convince this optimistic young man to return to the family farm and begin his dairy career.

All this took place 14 years ago when Dennis Wolff, Millville, decided he liked working with cattle enough to make it a career.

"I felt that I always had that advantage over a lot of the kids I went to school with," Dennis said, "in that (dairying) is what I wanted to do."

Dennis explained that as a teenager, his parents gave him plenty of responsibilities on the farm. They allowed him to make decisions on the work to be done, breeding and purchasing.

"They let me have plenty of responsibility," Dennis explained, "and I guess I must have handled it pretty well or either accepted responsibility very well. I guess I always enjoyed cattle and that was my only interest."

All this responsibility helped to mold his future plans, Dennis said. From the time he was in high school, he said he had "no other plans or intentions than to come back to the farm and take care of the cattle."

After spending a year as a dairy production major at Delaware Valley College, Dennis returned home and formed a partnership with his parents. This partnership was dissolved a little over a year ago, Dennis said, when he and his wife, Lois, bought the partnership out.

Up until 1974, the Wolff's Pen-Col Farm housed a herd of Guernseys. The breed was replaced with Holsteins, however, when Dennis decided to capitalize on cattle merchandising.

Merchandising

The switch from Guernseys to Holsteins, which was completed in 1977, was done because Dennis said he found more potential in merchandising Holsteins. To establish a herd worthy of merchandising, the Wolff's looked for top pedigreed animals.

The first herd of Holsteins purchased was from the Tom Nichlos farm, Clinton County, and consisted of 20 animals. Other cattle were purchased at consignment sales such as the Pa All-

(Turn to Page A32)

"The future of merchandising looks good, both domestically and internationally."

Livestock market and auction news

Lancaster Market

Monday, June 18
Report Supplied By USDA

	Cattle	Calves	Hogs	Sheep
Today	1783	131	1009	303
Last Monday	1654	124	745	536
Last Year	1701	170	925	648
Monday's Auction	1809	142	960	394
Last Monday's Auction	1598	145	744	512

CATTLE: Compared to last Monday slaughter steers 50-1.00 higher; heifers steady; cows steady, instances 1.00 lower on Commercial; bullocks steady on small supply; bulls firm to 50 higher. Supply included 75% slaughter steers, 8% slaughter heifers, 10% cows, and 7% bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1425 lb. 65.50-68.00, few head 68.00-68.75; Choice 2-4 1100-1450 lb. 62.75-65.00, few 65.00-66.00; Choice 2-3 970-1075 lb. 61.50-63.25; high Good and low Choice 2-3 1000-1350 lb. 60.50-62.50; few Good 2-3 57.50-60.00; Good 1150-1400 lb. Holsteins 51.00-52.75, few Choice 53.00-55.00, Standard 850-1150 lb. 46.00-51.00.

SLAUGHTER HEIFERS: Choice 2-3 980-1250 lb. 58.00-62.25, few Choice 2 62.25-62.75; Good 2-3 900-1100 lb. 54.00-58.75; few Good to Commercial 900-1450 lb. heiferettes 45.00-52.00.

COWS: Breaking Utility and Commercial 2-4 45.00-47.00, few 47.00-48.00; Commercial 3-4 beef breed 42.00-45.00; Cutter and Boning Utility 1-3 42.50-44.50, few 44.50-45.50; Canner and low Cutter 40.00-42.00.

BULLOCKS: Few Choice 1150-1250 lb. 58.50-62.50; Good 1000-1250 lb. 53.00-56.75.

BULLS: Yield grade 1 1300-1900 lb. 52.50-56.25, few 56.50-58.00, three head 1550-1600 lb. 58.75-60.00; yield grade 2 1000-1350 lb. 48.75-52.50.

VEAL CALVES: Vealers mostly steady, instances 3.00 lower on high Good and low Choice 80-115 lb. Demand fair for Holstein bulls to return to farm. Supply included around 50 head Good and Choice 250-450 lb. slaughter calves.

VEALERS: High Choice and Prime 270-350 lb. 110.00-117.00; Choice 160-320 lb. 90.00-103.00, few 103.00-110.00; high Good and low Choice 160-300 lb. 70.00-90.00, 120-160 lb. 60.00-70.00, 80-115 lb. 48.00-62.00.

SLAUGHTER CALVES: Good and Choice 250-450 lb. 50.00-60.00.

RETURNED TO FARM: Bulk 95-125 lb. Holstein bulls 75.00-100.00.

SHEEP: Spring lambs steady to weak; slaughter ewes 2.00-5.00 lower. Supply included around 120 goats.

SPRING LAMBS: Choice and Prime 85-110 lb. 60.00-65.00, few head 70.00; Choice 80-105 lb. 54.00-58.00, few head 35-45 lb. 70.00-85.00; few Good 60-85 lb. 50.00-55.00.

SLAUGHTER EWES: Utility and Good 10.00-15.00.

GOATS: All goats sold by the head, bulk mature goats 30.00-40.00, few big billies 45.00-50.00, kid goats 20.00-30.00.

Vintage Auction

Tuesday, June 19
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1486	799	40	3
Last Tuesday	1560	660	47	5
Last Year	1375	832	9	5

CATTLE: Compared to last Tuesday slaughter steers mostly steady; slaughter heifers fully steady; cows opened mostly steady, closed 1.00-2.00 lower; bulls steady. Supply included 71 percent slaughter steers and 25 percent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1170-1450 lb. 65.50-67.00, several 67.00-68.00; Good and Choice 1-2 65.00-68.00, 10 head 68.50-69.25; Choice 2-4 1100-1325 lb. 61.75-65.00, few 65.00-65.75; high Good and low Choice 2-3 1000-1325 lb. 59.75-62.85; Good 2-3 975-1300 lb. 55.00-60.00; few Good and Choice 1100-1350 lb. Holsteins 53.25-54.50, Standard 1000-1300 lb. 46.50-52.00.

SLAUGHTER HEIFERS: Choice 2-3 940-1150 lb. 60.00-60.75; four head Choice 2 1175-1380 lb. 62.00-63.25; Good 2-3 870-1320 lb. 54.00-58.00.

COWS: Breaking Utility and Commercial 2-4 43.00-45.75, few early 46.50-48.75; Cutter and Boning Utility 1-3 mainly 41.50-45.00, several early 45.50-47.00, many late sales 40.00-42.00; Canner and low Cutter 37.00-40.00, few early 40.00-41.75.

BULLS: Yield grade 1 1450-1850 lb. 51.00-53.00; yield grade 2 1000-1350 lb. 47.50-51.00; couple Good 1150-1250 lb. bullocks 52.00-54.75.

VEAL CALVES: Vealers steady, instances 2.00 higher. Supply included 565 in graded sale of which 68 percent sold to return to farm.

VEALERS: Few Choice 140-175 lb. 80.00-86.00; high Good and low Choice 160-260 lb. 67.00-80.00, 120-160 lb. 52.00-70.00, 80-115 lb. 39.00-45.00 few 45.00-52.00, 70-80 lb. 37.00-40.00, few 60-65 lb. 29.00-33.00.

SLAUGHTER CALVES: Few Good and Choice 250-375 lb. 47.00-55.00, couple 37.00-40.00.

RETURNED TO FARM: One lot 115 lb. Holstein heifers 69.00; 35 head 90-105 lb. 50.00-56.00. 30 head 120-125 lb. Holstein bulls 82.00-83.00; 175 head 100-115 lb. 88.00-96.00; 55 head 90-95 lb. 58.00-73.00; 15 head small frame 110-120 lb. 67.00-70.00, 50 head 100-105 lb. 51.00-55.00 and 20 head 90-95 lb. 46.00.

SHEEP: Spring lambs mostly steady; slaughter ewes scarce.

SPRING LAMBS: Few Choice 60-100 lb. 50.00-59.00; few Good 40-60 lb. 46.00-50.00.

SLAUGHTER EWES: Couple Utility 18.00-21.00.

GOATS: Couple sold at 12.00-14.00 per head, individual 20.00.

Lancaster Auction

Wednesday, June 20
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	449	48	778	17
Last Wednesday	376	25	894	0
Last Year	290	25	585	7
Wednesday's Auction	387	30	714	0
Last Wednesday's Auction	200	25	732	0

CATTLE: Compared to Monday average to high Choice slaughter steers fully steady, Good to low Choice 50-1.00 lower; slaughter heifers not fully tested; cows 50-1.00 lower on small supply; bulls steady. Supply included 56% slaughter steers, 16% slaughter heifers, 18% cows, and 10% bulls.

SLAUGHTER STEERS: Average to high Choice 2-4 1150-1350 lb. 62.50-65.00, couple 65.00-65.50; high Good to low Choice 2-3 1050-1350 lb. 59.50-62.50; Good 2-3 950-1200 lb. 56.00-60.00, around 20 head 900-1020 lb. sold as feeders 58.75-59.00.

SLAUGHTER HEIFERS: Couple Choice 2-3 1150-1270 lb. 61.75-62.25; Good to Commercial 975-1240 lb. heiferettes 41.00-44.00.

COWS: Around 40 head Good to Commercial 2-3 1100-1400 lb. 44.75-48.00; few mostly Choice 1150-1200 lb. 48.50-51.25; Breaking Utility and Commercial 2-3 44.00-45.50; few Commercial 3-4 39.75-41.00; Cutter and Boning Utility 1-3 40.50-43.25; Canner and low Cutter 37.75-40.00.

BULLOCKS: Good 1000-1250 lb. 53.00-56.00; couple Choice 1000-1150 lb. 59.75.

BULLS: Yield grade 1 1200-1650 lb. 51.50-54.75, couple 56.25-57.75; yield grade 2 1000-1450 lb. 49.75-51.00, individual 2000 lb. 50.00.

VEAL CALVES: Small supply vealers mostly steady. Demand good for Holstein bulls to return to farm.

VEALERS: High Good and low Choice 80-115 lb. 50.00-60.00; for 95-115 lb. Holstein bulls returned to farm at 80.00-83.00.

SHEEP: None.

New Holland Livestock

Thursday, June 21
Report supplied by USDA

CATTLE: 1784. Compared to last Thursday average Choice to Prime slaughter steers steady to weak, Good to low Choice .50-1.00 lower; slaughter heifers steady; cows 1.00-2.00 lower; Bullocks steady on small supply; Bulls 1.00-2.00 lower with yield grade 2 mostly 2.00 lower. Supply included 69 percent slaughter steers and 17 percent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1400 lbs. 64.50-66.10, several 66.25-66.85, one lot 1330 lb. 67.50; Choice 2-4 1100-1375 lbs. 61.75-65.00, 950-1075 lbs. 60.00-62.00; high Good and low Choice 2-3 1000-1325 lb. 58.00-61.75; Good 2-3 55.00-59.00; Good and Choice 1175-1350 lb. Holsteins 51.25-53.00; Standard 1000-1350 lbs. 48.00-51.00.

SLAUGHTER HEIFERS: Choice 2-3 1055-1275 lbs. 58.00-61.50; Good 2-3 860-1050 lb. 51.25-53.75, few 600-800 lb. 45.00-48.00.

COWS: Breaking Utility and Commercial 2-4 43.00-46.25, few 47.50-48.75; Cutter and boning Utility 1-3 40.50-44.50, several 45.00-47.75; Canner and low Cutter 38.00-40.75.

BULLOCKS: Few Choice 1050-1300 lbs. 55.50-58.00, couple 59.75-60.75; Good 1000-1275 lbs. 50.75-55.00.

BULLS: Yield Grade 1 1130-1800 lb. 51.00-53.25, couple 54.50-56.00; yield grade 2 1050-1700 lbs. 46.50-50.50.

VEAL CALVES: 637. Vealers 2.00-5.00 lower. Demand fair for Holstein bulls to return to farm. Supply included 35 head uncertified calves, all sold to return to farm.

VEALERS: Choice 160-325 lbs. 83.00-98.00, few high Choice and Prime 102.00-107.00, individual 116.00; high Good and low Choice 160-325 lb. 66.00-85.00, 120-160 lbs. 61.00-70.00, 80-115 lb. 52.00-62.00, 60-80 lb. 35.00-50.00.

RETURNED TO FARM: Bulk 95-120 lb. Holstein bulls 65.00-85.00, few 87.00-90.00, several 85-95 lb. 60.00-65.00; few 90-115 lb. uncertified calves 30.00-38.00 with few 70-85 lb. 8.00-16.00.

SHEEP: 55. Spring lambs weak to 2.00 lower; slaughter ewes not tested.

SPRING LAMBS: Choice 50-75 lb. 56.00-63.00; Good 40-60 lbs. 41.00-50.00.

GOATS: 20. All goats sold by the head, mainly 24.00-41.00, six head 51.00-59.00.

Lancaster County Weekly

Friday, June 22

	Cattle	Calves
This Week	5800	1630
Last Week	5548	1453
Last Year	5651	1691

CATTLE: Slaughter steers very uneven, Average Choice to Prime closed mostly steady after being as much as 1.00 higher early part of week, Good to low Choice closed .50 to mostly 1.00 lower; slaughter heifers steady; cows 1.00-2.00 lower; bullocks steady; bulls 1.00-2.00 lower, with Yield Grade 2 mostly 2.00 lower. Supply included 66 percent slaughter steers, 6 percent slaughter heifers, 16 percent cows, 4 percent bulls, balance feeders.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1450 lbs. 65.50-67.00, few early part of week 67.00-68.75; Good and Choice 1-2 1100-1350 lbs. 65.00-68.00, 10 head 68.50-69.25; Choice 2-4 1100-1450 lbs. 61.75-65.00, few 65.00-66.00; Choice 2-3 950-1075 lbs. 60.00-62.50; high Good and low Choice 2-3 1000-1350 lbs. 58.00-62.50, Good 2-3 55.00-60.00; Good and Choice 1150-1400 lb. holsteins 51.25-54.50; Standard 850-1300 lbs. 46.00-52.00.

SLAUGHTER HEIFERS: Choice 2-3 980-1275 lbs. 58.00-62.50; Good 2-3 870-1320 lbs. 53.00-58.00, few 600-800 lbs. 45.00-48.00; Good to Commercial 975-1250 lb. heiferettes 42.00-52.00.

COWS: Breaking Utility and Commercial 2-4 43.00-46.75, few 46.75-48.75, around 40 head Good to Commercial 2-3 1100-1400 lbs. 44.75-48.00, few mostly Choice 1150-1200 lbs. 48.50-51.25; Cutter and Boning Utility 1-3 40.50-44.50, several 45.00-47.75, Canner and low Cutter 37.00-40.50, few 40.50-41.75.

BULLOCKS: Few Choice 1050-1350 lbs. 58.00-62.50; Good 1000-1250 lbs. 50.75-58.00.

BULLS: Yield Grade 1 1150-1900 lbs. 51.00-56.25, few 56.50-58.00, 3 head 1550-1600 lbs. 58.75-60.00; Yield Grade 2 1000-1700 lbs. 46.50-51.00.

VEAL CALVES: Vealers 2.00-5.00 lower. Demand fair for

(Turn to Page A15)

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LANCASTER STOCK YARDS

AUCTIONS
MONDAY
9:00 A.M — Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. — Veal Calves, Lambs, Hogs
TUESDAY
10:00 A.M. — Slaughter Hogs
1:00 P.M. — Feeder Pigs
WEDNESDAY
8:00 A.M. — Slaughter Hogs
10:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. — Veal Calves, Lambs, Hogs
12 NOON — Slaughter Sale Load Lot (5 or more)
FRIDAY
11:00 A.M. — Stocker and Feeder Cattle
SATURDAY
8:00 A.M. — Slaughter Hogs

CLOSED JULY 4th
NO AUCTION

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Sale Every Tuesday
10:30 A.M.
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Get calves in early. We start to grade and weigh at 2:00.
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PHONE:
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865-2881
Sale every Tuesday at 1 30 P M starting with feeder cattle and pigs
Also Hay Sale every Tuesday at 12 30

HOG MARKETS

Lancaster Hogs
Lancaster Stockyards
Monday, June 18
Report supplied by USDA

HOGS: Compared to last Wednesday barrows and gilts 1.00-1.50 higher; sows weak to 1.00 lower.

BARROWS AND GILTS: US 1-2 210-245 lb. 53.75-54.50, few 54.50-55.10. US 1 210-250 lb. 55.00-56.00. US 1-3 200-265 lb. 53.00-53.50.

SOWS: US 1-3 300-400 lb. 38.00-42.00, 400-650 lb. 41.00-42.00, few 42.00-43.00.

Tuesday, June 19

Today	285
Last Tuesday	165
Last Year	229

TREND: Compared to Monday barrows and gilts .50-1.00 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 53.00-54.00, couple lots 200-205 lb. 51.00-51.25. US 1 210-250 lb. 54.60-55.50. US 1-3 200-250 lb. 52.00-53.10, 250-270 lb. 50.50-52.00.

Wednesday, June 20

HOGS: Compared to Tuesday barrows and gilts .50-.75 higher; sows steady to 1.00 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 53.50-54.75. US 1 210-240 lb. 55.00-55.75, few 56.00-56.25. US 1-3 200-265 lb. 52.25-53.50.

SOWS: US 1-3 350-650 lb. 38.00-42.00.

Lancaster Feeder Pigs
Tuesday, June 19
Report supplied by USDA

Today	854
Last Tuesday	474
Last Year	887

TREND: Compared to last Tuesday feeder pigs 5.00-10.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 35 head 16-29 lbs. 110.00-125.00; 49 head 32-37 lbs. 105.00-114.00; 173 head 40-49 lbs. 91.00-106.00; 146 head 50-59 lbs. 87.00-98.00; 28 head 60-62 lbs. 75.00-84.00; 19 head 70-85 lbs. 70.00-73.00.

US 2: 42 head 33-38 lbs. 88.00-100.00; 47 head 40-49 lbs. 84.00-91.00; 9 head 55 lbs. 85.00.

US 2-3: 5 head 22 lbs. 120.00; 10 head 36 lbs. 100.00; 22 head 45-49 lbs. 71.00-75.00; 16 head 60 lbs. 70.00.

Lancaster Hogs
Lancaster Stockyards
Saturday, June 16
Report supplied by auction

700 head.

US 1, 220-250 lb. 53.75-56.00; US 1&2 220-250 lb. 52.85-53.75; US 1&3 220-250 lb. 51.75-52.75.

New Holland Feeder Pigs
Wednesday, June 20
Report supplied by USDA

Today	923
Last Wednesday	651
Last Year	547

TREND: Compared to last Wednesday feeder pigs 5.00-10.00 lower, extremes 20.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 56 head 20-29 lbs. 100.00-108.00; 40 head 31-33 lbs. 110.00-112.00; 55 head 30-39 lbs. 87.00-94.00; 151 head 40-49 lbs. 80.00-90.00; 52 head 40-42 lbs. 64.00-69.00; 142 head 50-59 lbs. 67.00-82.00; 175 head 60-86 lbs. 59.00-71.00.

US 2-3: 52 head 36-39 lbs. 60.00-78.00; 41 head 46-54 lbs. 60.00-69.00; 16 head 81-92 lbs. 48.00-51.00.

St. Louis Hogs
Thursday, June 21
Report supplied by USDA

4000. Barrows and gilts active, steady to .50 higher.

BARROWS & GILTS: US 1-2 210-260 lb. 53.00-53.50. US 1-3 200-240 lb. 51.50-52.00, 260-270 lb. 51.50, 270-290 lb. 50.50-51.50.

SOWS: 300-500 lb. steady; over 500 lb. .50 higher. (About 9%) US 1-3 300-500 lb. 43.00-43.50; over 500 lb. 43.50-44.00.

BOARS: Over 250 lb. 40.00; under 250 lb. 44.50-45.00..

Peoria Hogs
Thursday, June 21
Report supplied by USDA

2000. Barrows & gilts active, .50-1.00, instances 1.50 higher.

BARROWS & GILTS: US 1-2 220-250 lb. 53.00-53.50. US 1-3 200-250 lb. 52.00-53.00.

SOWS: Firm to .75 higher. (16%) US 1-3 350-500 lb. 43.50-44.25; 500-650 lb. 43.00-44.00, mostly 43.50.

BOARS: Over 350 lb. 41.00; 250-350 lb. 38.00-39.00; under 250 lb. 45.00-46.00.

Indianapolis Hogs
Thursday, June 21
Report supplied by USDA

700. Barrows & gilts active, .25-.50 higher.

BARROWS AND GILTS: US 1-2 210-250 lb. 53.00-53.75.

SOWS: Moderately active; under 500 lb. steady-.50 higher; over 500 lb. steady to .50 lower. US 1-2 & Medium 350-400 lb. 43.00. US 1-3 400-450 lb. 43.50; 475-650 lb. 44.00-45.00.

BOARS: Few under 250 lb. 41.00; over 450 lb. 38.00; 300-350 lb. 34.00.

New Holland Hogs
New Holland Sales Stables
Monday, June 18
Report supplied by USDA

Today	1473
Last Monday	1411
Last Year	1686

TREND: Compared to last Monday barrows and gilts 1.00 higher, some late sales 1.50 higher.

BARROWS AND GILTS: US 1-2 210-250 lb. 52.25-53.60, late sales mainly 53.25-53.60. US 1 210-250 lb. 55.00-56.00. US 1-3 210-260 lb. 51.00-52.50. US 2-3 265-290 lb. 48.50-50.50.

Joliet Cattle
Thursday, June 21

CATTLE: Friday through Wednesday's salable receipts 1850; 5 days last week 1628; same period a year ago 2832. Trading slow for the week. Slaughter steers ended the week steady to 50 higher. Slaughter heifers steady to 50 higher.

SLAUGHTER STEERS: Choice few prime 3-4 1250-1350# 66.50-66.75. Choice 2-4 1050-1300# 64.00-66.00, 950-1050# 63.00-64.00. Mixed good and choice 2-3 950-1200# 62.50-64.50. Mostly choice 2-3 1300-1600# Holsteins 56.00-57.25 Monday. Mixed standard and good few choice 2 1250-1400# holsteins 52.00-55.00.

SLAUGHTER HEIFERS: Choice few loads with a prime end 2-4 900-1100# 62.00-64.00, with 1 load on Monday 64.25. Mixed good and choice 2-3 850-1000# 60.00-62.00. Good 2 725-950# 54.00-60.00.

Greencastle Livestock
Monday, June 18

CATTLE 524: Butcher Steers - Choice 63.00-67.00, few to 69.00, Medium-Good 52.00-64.00; Butcher Heifers - Choice 58.00-66.00, Medium-Good 45.00-60.00; Butcher Cows - Utility-Good 41.00-46.50, few to 49.00, Canners and Cutters 38.00-45.00, Shells 38.00 & down; Butcher Bulls, Medium-Good 47.50-59.00; Stock Steers - Medium-Good up to 60.50; Stock heifers, Medium-Good 50.50.

CALVES 302: Medium-Good Calves 160-220 lbs. 60.00-85.00, 125-160 lbs. 60.00-75.00, 100-120 lbs. 55.00-65.00, 80-100 lbs. 50.00-60.00; Holstein Bull Calves up to 98.00; Holstein Heifer Calves 70.00. Light and Green Calves down to 40.00.

HOGS 148: Good-Choice Butcher Hogs 190-225 lbs. 49.00-51.00, 225-250 lbs. 50.00-51.00; Good-Choice Butcher Sows 400 lbs., down up to 43.00, 400 lbs., up 44.50; Heavy Boars 32.00; Pigs per Head 9.00-35.00.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock

	CATTLE	CALVES	HOGS	SHEEP
Week to Date (Est.)	542,000	43,000	1,138,000	96,000
Same Period Last Week (Est.)	539,000	40,000	1,212,000	96,000
Same Period Last Year (Act.)	506,000	39,000	1,183,000	86,000

Chicago Grain Futures

(Closing Bids as of Thursday, June 21)

Mo.	Corn	Wheat	Soybeans	Soybean Meal
July	3.53	3.57½	8.07¼	190.50
Aug.			8.10	193.20
Sept.	3.30½	3.62¾	7.84½	194.70
Nov.			7.61½	
Dec.	3.10¼	3.77¾		192.70
Jan. '85			7.73	
Mar. '85	3.18¾	3.88	7.84½	
May '85	3.22¾	3.89	7.93	

Trends - Corn - stronger; Wheat - weaker; Soybeans - weaker; Soybean Meal - weaker.

Market Provided by Merrill-Lynch Commodities, York

Futures Trading

(Closing Bids as of Thursday, June 21)

Mo.	Chicago Cattle	Chicago Hogs	NY Maine Potatoes
July		57.37	
Aug.	63.55	58.25	
Oct.	62.97	57.30	
Nov.			3.61
Dec.	64.77	57.72	
Feb. '85	65.22	57.97	
April '85	65.75	53.50	
May '85			4.84

Trends - Cattle - weaker; Hogs - weaker; Potatoes - stronger.

Market Provided by Merrill-Lynch Commodities, York

TO ALL VEAL CALF CONSIGNORS

We are asking all veal calf consignors to sign the Drug Residue Certificate as requested by the Federal Drug Administration.

This is to your benefit and certificates can be obtained either from your trucker or from one of our personnel.

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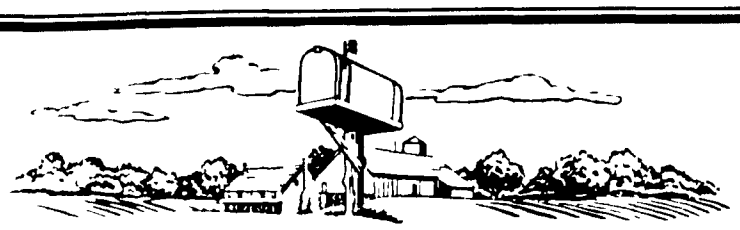


In this issue

Four Sections

Editorials

Editorially speaking A10

Dairy

Progressive Thinking A20
Little Pond Jerseys A21
Cain View Holstein A22
Franklin Co Dairy Princess A35
Dauphin Co DHIA D18
Centre Co DHIA D18
Berks Co DHIA D25
McKean Co DHIA D25
Franklin Co. DHIA D26
Lebanon Co DHIA D26
Bradford Co DHIA D29

Features

Pasture Tour A24
Young Cooperators A38
Pa Polled Hereford D 2
Machinery Costs D10
Alternative Ag D12
Pa Sheep and Wool Growers D16
Veteran Spinners D16
Super-yield Scientists D22
Pork Field Day D30

Home and Youth

Homestead Notes B 2
Home on the Range B 6
Cook's Question Corner B 8
Farm Women Societies B 8
Craft Corner B 9
Kid's Korner B10
It's Strawberry Time! B12
Lancaster Dairy Princess B14
Lebanon Dairy Princess B14
Family Living B18
Tioga Dairy Princess B20
Dauphin Dairy Princess B21
Horsewoman B22

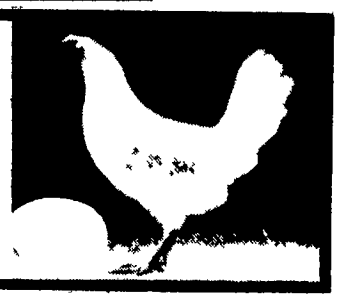
Departments

Farm Calendar A10
Mailbox Markets B33
Classified Ads C 5
Livestock Lates' D 2
Business News D 6
Public Sales D31

Columns

Now is the time A10
Ida s Notebook B 5
Ladies have you heard? B13
On being a farm wife B26
Brockett s Ag Advice D28
Farm Talk D31

POULTRY MARKETS



Weekly New York Egg Market

From Friday, June 15 to Thursday, June 21

		Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE						
Jumbo		.83	.83	.83	.83	.85
Ex Large		.78	.78	.78	.78	.79
Large		.74	.74	.74	.74	.74
Medium		.61	.61	.61	.61	.61
Pullets		.44	.44	.44	.44	.44
Off Grade		.63	.63	.63	.63	.63
BROWN						
Jumbo		–	–	–	–	–
Ex Large		.87	.87	.87	.87	.87
Large		.83	.83	.83	.83	.83
Medium		.65	.65	.65	.65	.65
Pullets	Unquoted					
Peewees	Unquoted					
Off Grade						
Undergrades		.43	.43	.43	.44	.44
Checks		.41	.41	.41	.42	.42

Breaking Stock: Friday - 14.40-15.00, 14.70-15.30; Wednesday - 14.70-15.30, 15.00-15.60.

N.E. Weekly Shell Egg Report

Tuesday, June 19
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X	.93-.95	.88-.90	.73-.75	.51-.53
Mostly	.93	.88	.73	.51
N. HAMP.	.83-.87	.81-.85	.61-.65	.38-.42
Mostly	.85-.86	.83-.84	.63-.64	.40-.41
R.I.	.84-.90	.80-.88	.62-.68	.39-.45
Mostly	.84-.88	.80-.84	.62-.64	.39-.41
VERMONT	.95-.99	.89-.97	.75-.77	–
Mostly	.98	.95	.75	–
MAINE	.90-.95	.88-.93	.68-.72	.45-.50

X Includes Central and Western Sections only.

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, June 19
Report supplied by auction

RABBITS: 4-6 lbs. range .25-.42 per lb.

RABBITS: 7-11 lbs. range .20-.34 per lb.

BUNNIES: .25-.75 ea.

GUINEA PIGS: range 1.00-2.25 ea.

GOATS: range 5.00-30.00 ea.

KID GOATS: range 10.00-22.00 ea.

TOTAL NUMBER COOPS: 280.

Delmarva Poultry

Thursday, June 21
Report supplied by USDA

Market Comment: Movement of ready to cook whole birds remains good and easily clears current production. An occasional plant is noted as oversold. Parts also continue to move good although an occasional plant notes a somewhat lighter call on a few items. Slaughter schedules are heavy. Live supplies are adequate. Weights are in wide range but mostly desirable to light. Undertone firm.

Today's L.T.L. asking prices are generally 2 cents higher on U.S. Grade A at 54-61 cents.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 6/21 1,929; Actual 6/14 1,808; Actual 6/19 1,906; Average Weights 6/19 4.32; Average Weights 6/12 4.16.

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification		DATE June 19 Tuesday	DATE June 21 Thursday
Class 1 - Large	48 lbs.	.59	.59
Class 2 - Large	45 lbs.	.56	.56
Class 3 - Medium	42 lbs.	.45½	.47
Class 4 - Small	39 lbs.	.38	.38
Breaking Stock	48 lbs.	.50	.51
Checks	48 lbs.	.45	.46

Philadelphia Eggs

Thursday, June 21
Report supplied by USDA

MARKET COMMENT: Prices unchanged. Cartoned egg demand is no better than fair overall. Promotional activity is spotty but helps keep some dealer stocks in good balance. Supplies of large are building in a few quarters but remain in good balance in others. Extra large are in reasonably light supply. Mediums are irregularly distributed, but where excesses exist, movement is difficult. Undertone is steady.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large .70-.73; A Large .69-.72; A Medium .56-.58.

Eastern Pa. & N.J. Poultry

Wednesday, June 20
Report supplied by USDA

Market Comment: Prices unchanged to lower compared to last week; unsettled for next week's deliveries. Offerings irregular, ranging short and insufficient to maintain full schedules to more than adequate. However, unconfirmed reports indicate some last minute cancellations. Finished product sales somewhat better than expected but only moderate at best.

Prices Paid at Farm:

Light Type Hens: 7-9½, mostly 8½-9.

F.O.B. Plant: 11½-12½.

New Holland Dairy

New Holland Sales Stables
Wednesday, June 20
Report supplied by auction

Reported receipts of 61 cows, 53 heifers, and 0 bulls.

Market steady.

Load of PA Fresh cows 925.00-1080.00.

Load of PA Fresh cows 850.00-1025.00.

Load of Canada Fresh cows 570.00-1300.00, springers 700.00-975.00.

Load of PA Fresh cows 710.00-860.00.

Locally consigned cows 450.00-1100.00.

Springing heifers 440.00-770.00.

Open heifers 305.00-485.00.

New York Multiple Drop Broiler Report

Thursday, June 21
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A .51-.59; Weighted AVG.: U.S. Grade A 57.56; Premium (X) Boxes 12,081.

(X) Includes special services, selected competitive brands, etc.

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Ingredients	Cost/Unit	Total Cost	Crude Protein
430 lbs. 48% Soybean Meal	$234.00/Ton	$50.31	206 lbs.
710 lbs. Shell Corn	$ 4.15/Bushel	$52.62	60 lbs.
700 lbs. Ear Corn	$135.00/Ton	$47.25	54 lbs.
100 lbs. Molasses	$ 7.50/100 lbs.	$ 7.50	3 lbs.
60 lbs. Vitamin-Mineral Premix	$ 23.50/50 lb. bag	$28.20	—0—
Grinding & Mixing	$ 9.50/Hammermill Mix	$ 7.95	—0—

TOTAL COST PER TON: $193.83 323 lbs. = 16.1%

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HAY MARKETS

New Holland Hay

New Holland Sales Stables
Monday, June 18
Report supplied by auction

98 loads. Market active, fully steady on hay and corn.

Alfalfa, few last year's crop, 138.00-245.00, new crop, 80.00-118.00; Mixed Hay, last year, few 136.00-150.00; new crop mostly 70.00-100.00, few to 122.00, some with moisture 62.00-70.00.

Timothy, 91.00-117.00, 2 lds. old, 140.00-142.00; Grass Hay, new 75.00-120.00; Straw, 80.00-126.00, mostly around 100.00. Ear Corn, 132.00-146.00, few off quality, 112.00-127.00; Oats, clean and bagged, 3.25 bu.

Regional Hay

Friday, June 15
Report supplied by PDA

Hay & Straw Market for Eastern Pa.

(All hay No. 2 and better, prices paid by dealers at the farm, and per ton.)

New crop hay steady, straw fully steady as new crop comes on the market.

Alfalfa 70.00-80.00; Mixed hay 65.00-75.00; Timothy hay 60.00-75.00; Straw 50.00-75.00, few 85.00; Mulch 30.00-50.00.

Green Dragon Hay

Ephrata, Pa.
Friday, June 15
Report supplied by PDA

27 Loads Hay and 20 Loads Straw.

Alfalfa, few 87.00-109.00; Mixed hay 75.00-102.00, one load 111.00; Timothy hay, one load 83.00; Clover, one load 66.00; Orchard grass, one load 80.00; Straw 62.00-126.00, mostly 87.00-110.00; Ear Corn, 14 loads 130.00-140.00, Oats, one load 2.50 per bu.

Good's Acution

Leola, Pa.
Wednesday, June 13
Report supplied by PDA

22 Loads Hay & 8 Loads Straw.

Alfalfa, 2 loads 84.00 & 89.00; Mixed Hay 64.00-107.50, one load 120.00; Straw 104.00-124.00; Ear Corn 7 loads 130.00-144.00, one load 155.00.

Keister's Hay

Middleburg, Pa.
Tuesday, June 19
Report supplied by auction

24 loads.

Mixed Hay, 45.00-70.00; Timothy, 67.50; Straw, 50.00-72.50; Ear Corn, 125.00; Oats, 2.60 bu.

Leinbach's Hay

Shippensburg, Pa.
Tuesday June 19
Report supplied by auction

14 loads new hay.

Alfalfa 86.00-95.00; Mixed hay 59.00-75.00; Bromegrass 72.00-79.00; Straw 86.00; Ear corn 136.00; Oats 2.55 bu.

King's Auction

Kirkwood, Pa.
Tuesday, June 19
Report supplied by auction

12 loads, all new hay same price as old hay.

Alfalfa and alfalfa mix 91.00-95.00; Clover 82.00; Grass and grass mixed 86.00-96.00; Straw 96.00.

New Wilmington Hay

New Wilmington, Pa.
Friday, June 15
Report supplied by PDA

13 Loads Hay and 4 Loads Straw.

Alfalfa, one load 117.50; Mixed hay 55.00-87.50; Timothy, few 60.00-92.50; Straw 70.00-93.00; Ear Corn, 8 loads 114.00-125.00; Oats, 6 loads 2.55-2.85, one load 2.10 per bu.; Speltz, one load 2.42½ per bu.

Good's Hay

Leola, Pa.
Wednesday, June 20
Report supplied by auction

81 loads.

Mixed Hay, 93.00-121.00; Corn, 128.00-144.00; Straw, 92.00-118.00; Timothy, 97.00-122.00; Oats, 2.80 bu.; Alfalfa, 68.00-157.00; New Hay, 82.00-116.00.

Pa. Grain

Monday, June 18
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central, PA., Corn fully steady; Wheat steady to weak; Barley steady to 40 cents lower, as new crop comes on the market in Southern areas; Oats steady to 5 cents lower; Ear Corn steady.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 3.90-4.15, average 4.02, New Crop 2.95-3.14; Wheat No. 2 range 3.50-3.80, average 3.65, New Crop 3.40-3.68; Barley No. 3 range 2.25-2.60, few reported 2.85, average 2.48; Oats No. 2 range 2.40-2.70, average 2.56; Soybeans No. 1 range 7.25-7.80, average 7.47, New Crop 6.70-6.84; Gr. Sorghum #2 New Crop 2.60; Ear Corn range 112.00-130.00; average 119.51.

Central Pa.

Corn No. 2-y range 3.85-4.10, average 3.97; Wheat No. 2 range 3.40-3.90, average 3.71; Barley No. 3 range 2.50-2.70, average 2.65; Oats No. 2 range 2.20-2.50, average 2.39; Soybeans No. 1 range 7.40-7.50, average 7.47; Gr. Sorghum #2 range 3.80, average 3.80; Ear Corn range 110.00-120.00; average 113.50.

South Central Pa.

Corn No. 2-y range 3.85-4.00, few reported 4.25, average 3.98; Wheat No. 2 range 3.50-3.75, average 3.60; Barley No. 3 range 2.50-2.75, few reported 3.00, average 2.72; Oats No. 2 range 2.30-2.75, average 2.56; Ear Corn range 115.00-126.00, average 122.00.

Southeastern, Central & South Central Summary

Corn No. 2-y range 3.85-4.10, average 3.99; Wheat No. 2 range 3.50-3.80, average 3.66; Barley No. 3 range 2.30-2.75, average 2.56; Oats No. 2 range 2.25-2.70, average 2.48; Ear Corn range 110.00-130.00, average 117.83.

Western Pa.

Corn No. 2-y range 3.65-4.10, average 3.85; Wheat No. 2 range 3.30-3.74, average 3.53; Barley No. 3 2.50, average 2.50; Oats No. 2 range 2.20-2.50, average 2.34; Ear Corn range 90.00-115.00, average 99.00.

Oklahoma Cattle

Wednesday, June 20

Estimated Receipts: 7,500
Same Day Last Week: 7,373

Feeder steers and heifers steady to 1.00 lower, declines on all grades in afternoon trading. Trade slow. Demand light during afternoon rounds. Bulk supply medium and large frame 1 and mixed 1-2 500-850 lb. steers and 500-700 lb. heifers.

FEEDER STEERS: Medium and large frame 1 310 lb. 69.90; 400-600 lb. 64.40-68.00; 600-700 lb. 60.00-65.10 most 61.00 up, couple short-loads 640-650# 65.10 early; 700-800 lb. 59.50-62.95; 800-900 lb. 59.50-62.00, short-load 840 lb. reputation brand 63.20; 900-950 lb. 58.80-62.00. Medium and large frame mixed 1-2 425-500# 61.50-65.75; 500-600# 61.25-64.50, lot thin 545# 67.25; lot thin 625# 65.70; 600-800# 57.50-60.75; few 800-1025 lb. 55.00-57.00. Medium and large frame 2 400-500 lb. 58.50-62.50; 500-600 lb. 54.50-60.00; 600-650 lb. few 58.80-60.00; 715 lb. 56.00; 895 lb. dairy cross 50.25. Large frame 2 holsteins 700-825 lb. 42.60-45.30.

FEEDER HEIFERS: Medium and large frame 1 400-500 lb. fleshy 50.00-53.75; 500-800 lb. 55.70-59.55. Medium and large frame mixed 1-2 300-400 lb. thin 55.70-56.25; 290 lb. fleshy 48.50; 405 lb. fleshy 48.00; 350-700 lb. 51.00-56.00 bulk 52.00 up. Medium and large frame 2 300-725 lb. 44.00-50.00.

For The Week: Feeder steers and heifers steady to 1.00 higher. Slaughter cows 1.00 higher. Bulls steady.

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MONDAY

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10:00 AM

HORSES MULES

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP,
GOATS

WEDNESDAY

12:00 NOON

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HEIFERS, BULLS

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FEEDER PIG SALE
1:30 P.M.

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State graded until 12 Noon

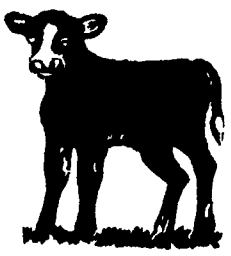
THURSDAY

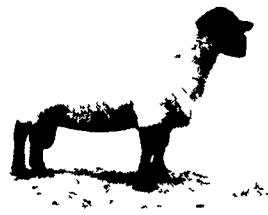
11:00 AM

BULLS -

STEERS -
BEEF COWS

3:30 P.M.

CALVES 



SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Livestock market and auction news

Morrison Cove Livestock

Martinsburg, Pa.
Monday, June 18
Report supplied by auction

CATTLE 291. Compared with last Monday's market, High Choice & Prime slaughter steers 66.00-67.25, Choice 64.00-65.50, Good 56.00-62.50, Standard 49.00-54.00, Utility 45.50-48.75. Choice slaughter heifers 61.25-64.25, Good 56.50-59.00, Standard 51.00-53.25, Utility 46.25-50.25. Breaking Utility & Commercial slaughter cows 48.00-51.75, Commercial 45.50-47.50, Cutter & Boning Utility 41.50-44.75, Canner & Low Cutter 36.50-40.25, Shells down to 22.00. Choice slaughter bullocks 55.00-58.00, Good 51.00-53.00, Standard 46.50-49.50, Utility 41.75-45.75. Yield Grade #1 slaughter bulls 53.50-55.50, Yield Grade #2 50.50-52.75.

FEEDER CATTLE. Choice feeder steers 60.00-64.00, Good 53.00-56.00, Medium 48.00-52.00. Good feeder heifers 51.00-56.00, Medium 42.00-48.00. Good feeder bulls 52.00-58.00, Medium 42.00-49.00.

CALVES 441. Prime Vealers 81.00-88.00, Choice 76.50-78.00. Good 65.00-68.00, Standard & Good 110-130 lbs. 62.00-64.50, 90-110 lbs. 58.00-61.00, 70-90 lbs. 52.00-56.00, Utility 50-60 lbs. 42.00-49.00.

FARM CALVES. Holstein Bulls 90-120 lbs. 72.50-108.00. Holstein Heifers 90-120 lbs. 64.00-89.00.

HOGS 330. US No. 1-2 210-240 lbs. barrows & gilts 52.75-53.50, few to 54.25, No. 1-3 210-240 lbs. 51.75-52.50, No. 2-3 200-260 lbs. 50.00-51.00, 180-330 lbs. 47.00-49.50. Sows: US No. 1-3 350-650 lbs. sows 42.50-46.00, No. 2-3 350-650 lbs. 38.00-41.00. Boars 31.25-33.00, Light Weights 34.00-36.50.

FEEDER PIGS 57. US No. 1-3 25-30 lbs. feeder pis 24.00-30.00 per head, No. 1-3 35-45 lbs. 34.00-42.00, No. 1-3 50-60 lbs. 44.00-48.00 per head.

SHEEP 16. Choice 90-110 lbs. spring slaughter lambs 68.00-72.00, Good 80-90 lbs. 49.00-57.00, Utility 40-60 lbs. 42.00-48.00. Slaughter ewes 11.00-18.00. Goats 12: 8.00-32.00.

Dewart Livestock

Dewart, Pa.
Monday, June 18
Report Supplied by PDA

CATTLE 275. Compared with last Monday's market, slaughter cows highly uneven, few Choice slaughter steers 63-64.75, Good 59.50-63, Good & Choice Holsteins 51.75-55.75, few to 57.50, Standard 48-56.75, Utility 41-45.00. Choice slaughter heifers 55-61.75, few Good 48.75-55.00, few Standard 44-48.00, few Utility 38.25&45.75. Breaking Utility & Commercial slaughter cows 44.85-46.75, few to 50.00, Cutter & Boning Utility 39.75-44.85, Canner & Low Cutter 35-39.85, few 41.25, Shells down to 30.00, (two) Good bullocks 55&57.50, few Utility & Standard 44.75-51.00. Yield Grade #1 1235-1785 lbs. slaughter bulls 52.10-54.00.

CALVES 218. Vealers Standard & Good steady to strong. Few Choice Vealers 70-86.00, few Good 63-70.00, Standard & Good 90-130 lbs. 60-65.00, few to 69.00, 65-90 lbs. 54-60.00, few to 63.00, Utility 45-70 lbs. 42-54.00.

FARM CALVES. Holstein Bulls 85-140 lbs. 67-94.00, mostly 82-90.00. Good & Choice 250-354 lbs. slaughter calves 55-71.00, few Beef Cross Bulls & Heifers 90-135 lbs. 59-85.00.

HOGS 193. Barrows & gilts steady 1.50 higher. Few US No. 1-2 205-235 lbs. barrows & gilts 51.70-53.10, No. 1-3 215-265 lbs. 49.50-51.50, No. 1-3 205-265 lbs. 47.35-48.80, No. 1-3 185-205 lbs. 47.35-49.60. Sows: US No. 1-3 270-655 lbs. sows 38-45.00, No. 2-3 295-625 lbs. 34.25-38.50, Individual at 41.74, Medium 215-340 lbs. 33-35.75. Few Boars 29.75-33.75, Light Weights 50-235 lbs. 37.50-38.25.

FEEDER PIGS 275. US NO. 1-3 10-20 lbs. feeder pigs 15-17.00 per head, No. 1-3 20-35 lbs. 17-29.00, No. 1-3 35-50 lbs. 30-35.00, few 45-65 lbs. 32-40.00; few 100-150 lbs. 43-45.50 per hundredweight.

SHEEP 31. Few High Choice & Prime 40-92 lbs. spring slaughter lambs 53-61.00, (one) at 67.00, few Choice 40-98 lbs. 46-61.00. Few slaughter ewes 8.00-13.00. Goats 12: 15.00-26.00 per head, (one) at 35.00.

New Wilmington Livestock

New Wilmington, Pa.
Monday, June 18
Report Supplied by PDA

CATTLE 193. Compared with last Monday's market, slaughter cows steady to strong. Few Choice slaughter steers 63.25-65.00, Good 57-62.00, few Standard 50-55.50. Few Choice slaughter heifers 61.75-64.25, few Good 52.50-55.00, Standard 47.50-53.00. Breaking Utility & Commercial slaughter cows 45-48.75, Couple 50&51.00, Cutter & Boning Utility 41-47.00, Canner & Low Cutter 34.50-41.50, Shells down to 26.25. Yield Grade #1 1260-2010 lbs. slaughter bulls 50.75-56.75, few Yield Grade #2 1220-1385 lbs. 47-48.75.

FEEDER CATTLE. Medium Frame #1 570-810 lbs. feeder heifers 41.50-49.00, Medium & Large #2 375-600 lbs. 34-44.00. Few Medium Frame #1 590-785 lbs. feeder bulls 45-53.00.

CALVES 255. Vealers grading Good & Choice about steady, Standard $5-10.00 lower. Choice Vealers 70-84.00, Good 60-72.50, Standard & Good 90-120 lbs. 20-37.50, 65-85 lbs. 15-25.00, Utility 50-70 lbs. 3.00-10.00.

FARM CALVES. Farm Calves active. Holstein Bulls 95-140 lbs. 85-117.50, Holstein heifers 100-125 lbs. 75-95.00.

HOGS 664. Barrows & gilts 1.00 higher. US No. 1-2 210-250 lbs. barrows & gilts 50.25-51.10, one small lot at 51.35, No. 1-3 205-270 lbs. 49.60-50.50, One lot No. 2-3 295 lbs. at 49.00, Couple lots 195 lbs. at 48.60, No. 1-3 200 lbs. at 49.00. Sows: steady. US No. 1-3 300-660 lbs. sows 34-40.50. Boars 31-35.00.

FEEDER PIGS 83. Few US No. 1-3 10-20 lbs. feeder pigs 10-13.00 per head, No. 1-3 35-50 lbs. 29-39.00.

SHEEP 166. High Choice & Prime 60-105 lbs. spring slaughter lambs 58-68.00, 55-60 lbs. 40-52.00. Slaughter ewes 2.00-16.00.

Peoria Cattle

Thursday, June 21

Slaughter steers and heifers sold to .50 to 1.00 higher for the week with all the advance coming on Monday. Cows steady to weak. Bulls steady advances on the meat trade late last week were responsible for Monday's price upturn on modest local receipts. Receipts this week about 1500 compared to 1614 a week ago and 3094 a year ago.

SLAUGHTER STEERS: Choice 2-4 1000-1320 lbs. 63.00-65.50, mostly 64.00-65.50; couple part loads Monday 66.00. Mixed good and choice 2-3 1000-1200 lbs. 62.00-63.50. Good 2-3 950-1150 lbs. 57.00-62.00.

HOLSTEINS: Few part loads mixed good and choice 2-3 1250-1422 lbs. 52.00-57.00. Standard and good 2 1050-1200 lbs. 50.00-54.00.

SLAUGHTER HEIFERS: Choice, few prime 2-4 900-1025 lbs. 61.00-64.00, mostly 62.00-63.50. Mixed good and choice 2-3 875-1000 lbs. 60.00-61.50. Good 2-3 850-1000 lbs. 50.00-60.00, mostly 55.00-58.00.

COWS: Breaking Utility and commercial 2-3 42.00-45.00, few 46.00 cutter and boning utility 1-2 40.00-44.00. Canner and low cutter 36.00-42.00, few shell canner 25.00-32.00.

BULLS: YG 1-2 1100-1800 lbs. 46.00-50.50, individual 1 1735 lbs. 55.00.

New Holland Horse

New Holland Sales Stables
Monday, June 18
Report supplied by auction

Reported receipts of 310 head of horses, mules, and ponies. Riding horses steady. Killer market lower.

LOCAL

Better horses 400.00-850.00, few registered horses 750.00-1000.00.

Driving horses 275.00-1000.00.

Riding horses 275.00-325.00.

Lightweight killers 225.00-275.00; Heavyweight killers 300.00-385.00.

Mare Ponies 35.00-75.00; Colts 10.00-20.00; Gelding Ponies 35.00-75.00; Larger Ponies 100.00-150.00.

WANTED

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Timothy & Orchard Grass

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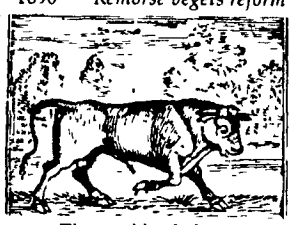
Livestock market and auction news

THE OLD FARMER'S ALMANAC

JUNE 25-JULY 1, 1984

The smell of hay on a summer's day.

Harvest early peas now United Nations Charter approved by 50 nations in San Francisco, June 26, 1945 Average length of days for the week, 15 hours, 15 minutes Great Britain granted independence to Seychelles June 29, 1976 New moon June 28 (Thu) William of Orange defeated James II in the Battle of the Boyne, July 1, 1690 *Remorse begets reform*



Ask the Old Farmer: I recently inherited some fine furniture that is about 50 years old On some parts there is an accumulation that looks like dirty kitchen-type grease Is there any way to remove this film without damaging the finish? C D, West Los Angeles, Calif

Clean it with a solution of equal quantities of vinegar, mineral oil, and turpentine Thoroughly shake to mix and apply by rubbing it vigorously on the wood with a soft cloth Always shake well before using

Home Hint Put a bay leaf in a bag of flour to keep insects away

OLD FARMER'S WEATHER FORECAST

New England: Week begins clear and hot, changing rapidly to rain and warm temperatures through midweek, sunny and hot to end week

Greater New York-New Jersey: Sunny and warm start to week, clear and hot by midweek, showers to end week

Middle Atlantic Coastal Clear skies with heat wave at week's beginning, showers and warm temperatures midweek, partly sunny with hot temperatures and some showers to end week

Piedmont & Southeast Coastal: Full week of rain with temperatures unseasonably cool through midweek, hot at week s end

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Central U.S. Carlot

Beef Report
Wednesday, June 20
Report supplied by USDA

Compared to Tuesday's 4:00 report: Steer and Heifer Carcasses steady. Demand and trading light to moderate on moderate supplies.

The gross boxed beef carcass cut-out value declined $.79 to an estimated $100.86 per cwt., 120 loads boxed cuts reported.

Sales reported on 84 loads of Steer and Heifer Carcasses.

STEER BEEF
FOB Omaha Basis
51½ Loads

Choice 3 600-900 lbs. 100.00, steady.

Choice 2 600-700 lbs. 100.00-101.00.

Good 2-3 600-900 lbs. 93.00, steady.

Good 2 & Low 3 600-700 lbs. 91.50-92.00.

Heifer Beef
FOB Omaha Basis
32½ Loads

Choice 3 550-700 lbs. 97.00, steady; 500-550 lbs. 91.00, steady; 400-500 lbs. 89.00, steady.

Choice 4 500-700 lbs. 88.00, steady.

Good 2-3 550-700 lbs. 91.00, steady.

Good 2 & Low 3 600-700 lbs. 89.50-90.50.

Primal Beef Cuts
5 Loads
FOB Omaha Basis

Choice 3: Hinds (H) 120-170 lbs. 117.00-119.00.

Boneless Processing Beef
Beef Trimmings
FOB Omaha Basis
112 Loads

90% Chem Lean Fresh 101.00-102.00, M 101.00-101.50.

50% Chem Lean Fresh 54.00.

FOB Amarillo Basis

90% Chem Lean Fresh 102.00-103.00.

90% Chem Lean Frozen 104.00.

85% Chem Lean Fresh 95.00.

50% Chem Lean Fresh 54.00.

Eighty-Four Livestock

Eighty-Four, Pa.
Monday, June 18
Report Supplied by PDA

CATTLE 312. Compared with last Monday's market, slaughter cows steady to weak. High Choice & Prime 60.50-62.50 slaughter steers, Choice 60.50-62.00, Standard 50-56.00, few Utility 45-49.00. Few Choice slaughter heifers 47-59.00, few Good 55-57.50, Standard 49.50-54.00, Utility 44.50-50.00. Breaking Utility & Commercial slaughter cows 44-48.00, Individual at 49.50, Cutter & Boning Utility 39.25-44.25, Canner & Low Cutter 33-39.50, Shells down to 28.00. Yield Grade #1 1000-1800 lbs. slaughter bulls 50.50-56.50, Yield Grade #2 900-1500 lbs. 45-50.00.

FEEDER CATTLE. Medium Frame #1 350-600 lbs. feeder steers 53-58.00. Medium Frame #1 400-600 lbs. feeder heifers 45.50-50.00.

CALVES 252. Choice Vealers 63-76.00, few to 80.50, Good 58-64.00, Standard & Good 90-120 lbs. 52-63.00, 60-85 lbs. 47-54.00.

FARM CALVES. Holstein Bulls 90-125 lbs. 70-95.00, few 105.00.

HOGS 140. Barrows & Gilts 1.50-2.00 higher. US No. 1-2 210-250 lbs. barrows & gilts 49.50-51.00, No. 1-3 200-255 lbs. 48.49.60, few No. 2-3 260-280 lbs. 42-43.00, No. 1-3 119-170 lbs. 42-43.25. Sows: US No. 1-3 300-550 lbs. sows 40-44.25, No. 2-3 350-600 lbs. 36.50-40.50. Boars 30-35.00.

FEEDER PIGS 21. US No. 1-3 40-50 lbs. 24.50-28.50 per head, few No. 1-3 70-75 lbs. 31-36.00 per head.

SHEEP 203. Spring slaughter lambs 50 cents to 1.00 higher. High Choice 75-95 lbs. spring slaughter lambs 61-62.50, Choice 60-90 lbs. 59.50-60.50, Good 65-80 lbs. 52-57.00. Slaughter sheep 12-16.50, Good & Choice 60-65 lbs. feeder lambs 48-51.00.

Lebanon Valley Livestock

Fredericksburg, Pa.
Tuesday, June 19
Report Supplied by PDA

CATTLE 252. One High Choice 1205 lbs. slaughter steers at 66.00, Choice 2-4 1075-1305 lbs. 62-64.35, Good 55.25-59.50, one at 61.00, Good & Choice Holsteins 52.50-56.25, Standard 50-55.75, Utility & Low Standard 43.50-49.75, Choice 3-5 880-1230 lbs. slaughter heifers 57.75-61.25, Good 53-57.25, few Standard 49.25-54.00. Breaking Utility & Commercial slaughter cows 44.75-47.25, few 48.75, Cutter & Boning Utility 39.75-44.75, few 45.50, Canner & Low Cutter 36.50-40.75, Shells down to 27.25. One Good slaughter bullock at 55.50, Standard 48-53.75, few Utility & Low Standard 46.25-47.50. Yield Grade #1 1205-1575 lbs. slaughter bulls 53-55.75.

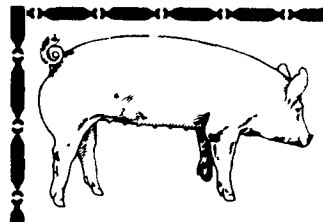
CALVES 212. Few Choice Vealers 72-82.00, few Good 67-75.00, few Standard 140-165 lbs. 54-58.00, Standard & Good 90-130 lbs. 59-65.00, few to 68.00, 65-90 lbs. 48-59.00, Utility 50-100 lbs. 29-48.00.

FARM CALVES. Holstein Bulls 90-130 lbs. 65-85.00, mostly 70-79.00. Few Beef Cross Bulls & Heifers 75-100 lbs. 57-63.00.

HOGS 130. US No. 1-2 220-270 lbs. barrows & gilts 52-52.85, few 53.50, few 200-210 lbs. 50.10-51.75, No. 1-3 220-275 lbs. 51.25-52.25, US No. 1-3 290-600 lbs. sows 38-43.50, few to 45.00, No. 2-3 270-530 lbs. 33.50-38.50, one at 40.50. Few Boars 30-32.00.

FEEDER PIGS 11. Few US No. 1-3 25-45 lbs. feeder pigs 57-58.00 per hundredweight.

SHEEP 11. Few High Choice & Prime 75-100 lbs. 55-58.00, few Choice 80-100 lbs. 44-50.00. Slaughter sheep (2) at 9.00. Goats 1: 13.00 per head.



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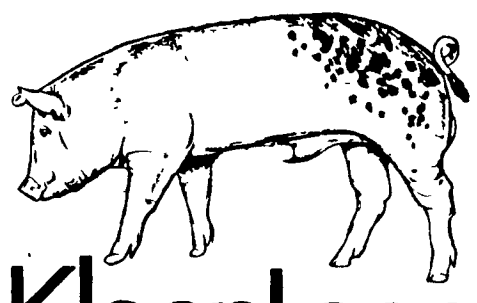

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Danville Buying Station
Phone: 717-275-2880

FRIDAY, JULY 6
ON THE FARM MONTHLY
BRED GILT SALE
Sale to Start Promptly at 7:30
Every 4 Weeks

NOTICE
3 Evening Sales, July 6, August 3, and August 31

Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road. Watch for sale arrows.

50 to 60 Head
Now selling our new hybred gilts representing mostly York & Hampshire & Landrace cross. Bred for easier & Less trouble over farrowing and better weight gains.

Validated Brucellosis Free Herd #169
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R.D. 2, Quarryville, Pa
JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa
Abe Diffenbach, Auctioneer AU225L
NEXT SALE DATE AUGUST 3

Livestock market and auction news

VIRGINIA MARKETS

Virginia Auction Summary

June 14-20
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 3,409.

TREND: Steady to $3.00 lower.

Southwestern, Va.
Auction Summary
June 14-20

STEERS: 300-500 lbs. Medium 1 53.75-66.00; Large 1 57.50-65.00; Small 1 51.00-60.00. 500-700 lbs. Medium 1 51.00-61.25; Large 1 55.00-64.50; Small 1 46.00-56.50. 700-1000 lbs. Medium 1 48.50-57.50; Large 1 50.75-56.00; Small 1 44.50-50.00.

HEIFERS: 300-500 lbs. Medium 1 43.00-55.00; Large 1 44.50-51.00; Small 1 40.00-48.50. 500-700 lbs. Medium 1 40.00-50.35; Large 1 46.50-52.00; Small 1 38.00-48.00; 700-900 lbs. Medium 1 40.75-47.00; Large 1 40.50-51.00; Small 1 38.50-42.00.

Northern Va.
Auction Summary
June 14-20

STEERS: 300-500 lbs. Medium 1 55.00-65.00; Large 1 58.00-64.50; Small 1 47.00-53.50. 500-700 lbs. Medium 1 53.00-65.00; Large 1 52.00-64.25; Small 1 51.50. 700-1000 lbs. Medium 1 52.00-59.60; Large 1 54.50-58.75.

HEIFERS: 300-500 lbs. Medium 1 40.00-51.00; Large 1 42.00-50.75; Small 1 42.00-46.00. 500-700 lbs. Medium 1 41.75-51.25; Large 1 44.00-51.00; Small 1 41.00-43.50. 700-900 lbs. Medium 1 43.00-53.75; Large 1 45.00-54.50.

Southeast Va.
Auction Summary
June 14-20

HEIFERS: 300-500 lbs. Medium 1 50.50-51.00. 500-700 lbs. Medium 1 48.50.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, June 16
Report supplied by auction

FEEDER CATTLE: Steers: M&L-1 300-500 lbs. 55.00-62.00; 500-700 lbs. 53.00-60.00; 700-1000 lbs. 52.00-57.50; Holstein 300-1000 37.75-45.00. S-1&M&L-2 300-500 lbs. 47.00-55.00; 500-700 lbs. 48.00-54.50; 700-1000 lbs. 40.00-51.00.

FEEDER BULLS: M&L-1 300-500 lbs. 54.00-59.50; 500-700 lbs. 46.00-52.50; 700-1000 lbs. 42.50-48.50. S-1&M&L-2 300-500 lbs. 44.00-55.00; 500-700 lbs. 41.00-48.00.

HEIFERS: M&L-1 300-500 lbs. 45.00-51.00; 500-700 lbs. 42.50-51.00; 700-800 lbs. 44.50-47.25. S-1&M&L-2 300-500 37.50-44.00; 500-700 lbs. 38.50-45.00.

STOCK COWS: Beef 285.00-510.00; Dairy 357.50-375.00; Baby Calves 26.00-90.00, mostly 40.00-70.00.

SLAUGHTER COWS: 2.00 lower. Utility & Commercial 2-4 35.50-43.00; Canner & Cutters 1-3 26.00-34.50.

SLAUGHTER BULLS: 1&2 42.50-49.75.

LAMBS: Trend 5.00 lower. High Choice & Prime 58.00; Choice 55.00; Feeder Lambs Choice 41.50-45.50; Slaughter Ewes 8.50-10.00.

HOGS: US 1-3 200-240 lbs. 49.50; Sows 1-3 35.00-46.00; Boars 28.00.

VEAL: Good 50.00-56.00.

SLAUGHTER CALVES: Good & Choice 45.00-55.00.

Four States Livestock

Hagerstown, Md.
Wednesday, June 13
Report supplied by auction

SLAUGHTER: Fed Steers- No Choice offered; Good 55.00-58.00; Medium 49.00-54.00. Heifers- Good 47.00-50.50; Medium 46.00 down. Cows- $1.00 to 3.00 higher. High Yield 45.00-50.00; Average 40.00-44.00; Big Middle 37.00-39.00; Fatty Herf. 37.00-42.00; Shelly 39.00 down. Fat Bulls- $1.50 higher. Good 51.00-53.50; Medium 47.00-50.00. Veal Calves- Heavy Calves Steady. Light Calves 3.00 lower. Choice 80.00-85.00; Good 70.00-79.00; Medium 60.00-69.00; Farm Hfrs. 65.00-69.00; Farm Bulls 88.00-100.00; Light & Weak 50.00 down. Lambs- Few Offered. Good 48.00-49.00; Medium 45.00-47.00. Sows- 500-700 lbs. 42.00-44.25; 300-450 lbs. 38.00-41.00. Thin Sows 35.00-37.00.

STOCKER: Steers 300-550 lbs.- Good run $2.00 lower. Choice 59.00-61.00; Good 54.00-58.00; Medium 50.00-53.00; Culls 49.00 down. Steers 600-850 lbs.- Choice 55.00-58.00; Good 50.00-54.00; Medium 49.00 down. Heifers- (All Weights)- Choice 50.00-55.00; Good 44.00-49.00; Medium 37.00-43.00. Bulls- Choice 52.00-54.00; Good 48.00-51.00; Medium 47.00 down. Dairy Cows to $650.00. Springing Heifers- to 605.00. Pigs Hd.- $3.00 lower. 20-30 lbs. 12.00-17.00; 40-60 lbs. 18.00-30.00. Shoats by lb. 38.00-43.50. Slaughter Hogs- $1.00 higher. 210-230 lbs. 50.25-51.00; 240-260 lbs. 51.00-51.50. 190-205 lbs. 47.25-48.50.

St. Louis Cattle

Thursday, June 21
Report supplied by USDA

Receipts This Week	3,400
Week Ago	3,100
Year Ago	3,900

Compared to last week's close, Slaughter Steers and Heifers .50-1.00 higher. Cows mostly 1.00 lower. Bulls steady. Slaughter supply mainly Choice & Mixed Good and Choice Steers and Heifers and around 10% cows.

SLAUGHTER STEERS: Mixed Choice & Prime 2-4 1075-1300 lbs. 64.00-64.50, part load 64.75. Choice 2-4 1000-1250 lbs. 62.00-64.50, closing 62.50-64.50; 900-1000 lbs. 60.00-62.50; 800-900 lbs. 58.00-59.00. Mixed Good and Choice 2-3 900-1175 lbs. 60.00-62.50. Good 2-3 900-1175 lbs. 58.00-60.00; 800-900 lbs. 56.00-58.00. Mostly Good 2-3 1050-1275 lb. Holsteins 53.00-58.00. Standard to Good 2-3 1000-1175 lbs. 50.00-53.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 900-1075 lbs. 61.50-62.50. Choice 2-4 900-1050 lbs. 60.00-62.00, closing 60.50-62.00; 800-900 lbs. 58.00-60.00. Mixed Good and Choice 2-3 800-1000 lbs. 58.00-60.50. Good 2-3 800-975 lbs. 55.00-58.00; 700-800 lbs. 52.00-55.00.

COWS: (Closing week sales) Breaking Utility and Commercial 2-4 39.00-42.00. Cutter and Boning Utility 1-2 39.00-42.00. Few High-Yielding Boning Utility 1-2 mostly 43.00, few 44.00. Canner and Low Cutter 1-2 36.00-39.00. Shelly Canner 1-2 32.00-36.00.

BULLS: Limited Supply YG 1-2 1000-1925 lbs. 47.00-52.00, Individual YG 1 53.00.

Weekly Sheep Auction
Wednesday, June 20

Receipts around 500 head. Compared to last week, Spring Slaughter 2.00 lower. Slaughter Ewes steady. Not enough of any other class to test market trends.

SPRING SLAUGHTER LAMBS: Mixed Choice and Prime 100-125 lbs. 58.00-64.00.

SLAUGHTER EWES: Utility and Good 120-150 lbs. 12.00-16.00.

FEEDERS: (including around 700 at the regular Thursday auction.) Feeder Steers firm to 1.00 higher. Feeder Heifers firm to 2.00 higher. Supply mainly Medium Frame 1 and 2 400-800 lb. Steers and Medium Frame 1 300-600 lbs. Heifers. Quality below previous week.

FEEDER STEERS: medium and Large Frame 1-2; package 295 lbs. 66.75; 300-600 lbs. 60.00-64.00; 600-800 lbs. 59.00-61.00; few lots fleshy 850-1000 lbs. 58.00-58.50. Medium and Large Frame 2: 400-700 lbs. 55.00-60.00. Large Frame 2 Holsteins: 400-1000 lbs. 43.00-47.00.

BULLS: Medium and Large Frame 1-2: 450-700 lbs. 54.00-61.75.

FEEDER HEIFERS: Medium and Large Frame 1: Package 275 lbs. 58.50; 300-500 lbs. 53.00-56.50; 500-700 lbs. 52.00-56.50. Medium and Large Frame 1-2; 350-500 lbs. 47.00-50.00. Cow and Calf Pairs; Medium and Large Frame 1-2; One to seven years old with calves at side 470.00-560.00 per pair.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, June 18
Report supplied by auction

Holstein Hfr. Calves to 79.00; Veal Calves 65.00-89.00; Vealer Bull Calves 65.00-88.00; Slaughter Calves 50.00-56.00; Grassers & Feeders 34.00-45.00; Lambs 40.00-50.00; Sheep 12.00-25.00; Hogs, 200 to 250 42.00-53.00; Sows 36.00-47.50; Boars 25.00-32.00; Pigs each 12.00-27.50; Heifers 42.00-48.00; Steers, medium 45.00-49.00; Steers, feeder 38.00-50.00; Bulls 45.00-53.75; Cows, utility 42.00-44.50; Cows, fat 40.00-44.00; Cows, medium 38.00-40.00; Cows, poor or small 30.00-37.00; Cattle Market steady; Calf Market cheapter; Horses small to 200.00; Goats 10.00-21.00.

Remarks: Cattle market steady; calf market is cheaper (reason) strike in New York.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, June 19
Report supplied by auction

Beef Cows: Utility and Commercial 42.85-48.60; Cutters 40.10-42.00; Canners 37.25-39.75; Shells 28.00.

Heifers: Good 55.00-58.85; Commercial 44.50-48.50.

Steers: Good 53.50-55.85; Standard 46.00-51.50.

Bulls: Good 50.50-52.00; Standard 44.85-48.50.

Feeder Cattle: 300-500 lbs. large frame 46.00-52.00; 300-500 lbs. small frame 44.00-48.00; 500-700 lbs. large frame 47.00-49.50; 500-700 lbs. small frame 47.00-53.00.

Veal Calves: Choice 80.00-91.00; Good 64.00-79.00; Standard 55.00-63.00; Utility 48.00-54.00; Unclassified 20.00-42.00.

Farm Calves: Bulls 73.00-95.00; Heifers 60.00-71.00.

Hogs: 49.50-52.10.

Sows: 33.00-38.50.

Boars: 32.50-34.50.

Shoats: 25-30 lbs. per head 15.00-22.00; 30-35 lbs. per head 22.00-30.00; 35-50 lbs. per head 38.00-43.50.

Lambs: 51.00-58.50.

Sheep: 9.00-12.00.

Goats per head 13.00-35.00.

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CLOSED WEDNESDAYS

Facing the future

BY DICK ANGLESTEIN

We've been talking a lot about the future lately in Lancaster Farming.

Dairy editor Laura England presents the fourth of her five-part series of investigative insight into what dairy farmers see in the future of their profession in today's issue.

And, this week the future of Pennsylvania agriculturte was on display at Penn State at the 56th Summer Convention of the Pa. FFA

After listening to, observing and admiring many of these blue-and-gold jacketed future farmers, I have no reservations whatsoever about an optimistic outlook for the future.

It's impossible to try and discuss all 1700 or so FFA'ers who took part, but let's take a glimpse at just five who were featured speakers during the week

Ron Wineinger, National FFA President:

Some national politicians should take lessons from the high level of motivational communication talents that this young man already displays His charisma is absolutely electric He held a youthful audience, who had been fidgeting after some two hours of proceedings, in the palm of his hand and evoked a group participation involvement that rivaled the most enthusiastic Tupper-Ware convention ever staged And he brought it off with a cool that didn't sacrifice any human element

Carolyn Witmer, Retiring State President:

A more dedicated or hard-working young lady could not have been found to finally break the state presidency sex barrier last year. She captained an officer team and a statewide membership with a combination of charm and ability and even introduced some good innovations, such as the state officer visits to supporting inductry, which should be retained as a prelude to the time that an FFA Foundation is organized in Pennsylvania.

Carolyn's record as state president stands for itself -- she performed so well that Pa. FFA'ers did not hesitate to elect another young lady as their leader during the coming year.

Laurie Duran, New State President:

The polish and bubbling personality she displayed in just the first few hours of her reign shows that she has the credentials and essentials to continue an effective and eventful presidency Laurie comes to her post with a lot of FFA background and experience that will serve her well during the coming 12 months

Greg Musser, Public Speaking Winner:

I've had the opportunity to personally observe the maturing of this young man from a Creed speaker to the top FFA Public Speaker in a relatively short period of time. Any farmer who has doubts about whether it's worthwhile to save farmland should hear his winning speech about farmland preservation. He exemplifies the optimism and dedication of today's farm youth who deserve the right to have enough good land saved for them to farm if they so desire

Sean Porter, Creed Speaking Winner:

At the age of 15 I couldn't even imagine myself getting up in front of more than 1700 people But this five-foot bundle of FFA not only did it but he recited the Creed with such meaning and emphasis that there was no question that he believed in every word of it When he said. "I believe " there was just no doubt about it These were just not words he was saying, they were statements that will help guide him during the rest of his farming life

In each of their individual ways, these five FFA'ers not only squarely faced their future in ag this week, they threw out a challenge to it

In effect they said

"Look out ag future, here I come I don't intend to let the future control me I'm going to help shape that future and make it better "

With the future of farming personified in such youth as, who can have any doubts about it

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Feed Dry Matter on Pasture

Pastures are very lush due to the good showers this week. This means that livestock can utilize some dry matter while on pasture. This can include hay, straw or silage. With the dry matter present, they will consume a moderate amount along with the fresh grass.

The dry matter slows down the passage of the lush forage through the digestive system. Also, it reduces the danger of bloating when there is clover or alfalfa in the forage mixture. If the animals are out all of the time, then a portable hay rack would be the way to feed hay or straw. Dry matter intake is important when pastures are lush and high in water content.

To Check Lighting For Layers

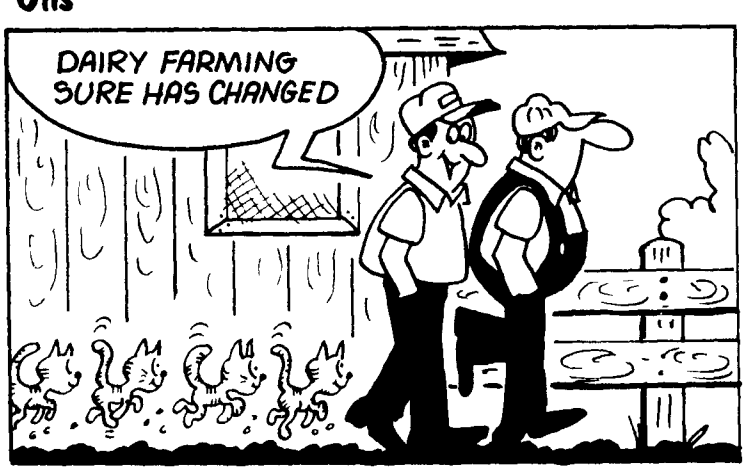
One of the cardinal rules for poultry management is to never decrease the light period of flocks in production. Most flock managers would never intentionally decrease the day length to a flock in production but we are in the season of the year when this can happen accidentally.

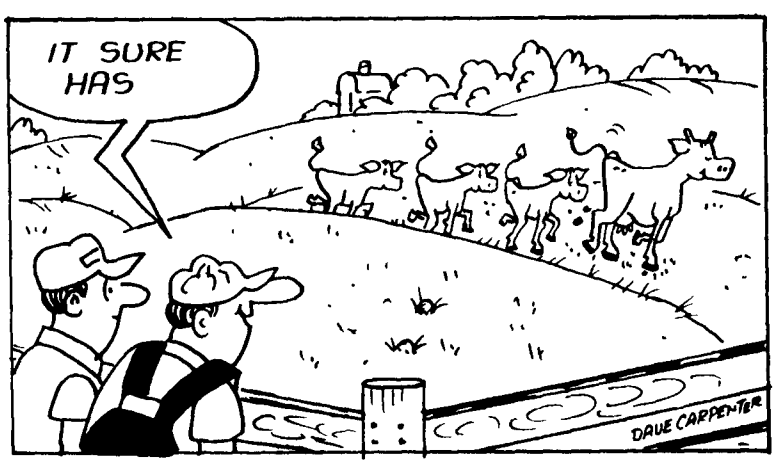
Most layers are in light-controlled not light-tight housing. The major sources of light leakage are the exhaust fans and air intake. Pullet flocks placed in the laying house during late fall, winter or spring can be given a 14-hour day. As summer approaches and the natural day length exceeds 14 hours, layers in non-light tight housing will be exposed to an increasing day length due to the light entering the building through fans and air intakes. This increase in day length causes no problem. The longest day occurs on June 21 and decreases until December 21. It is this decrease in day length that can cause layers to go out of production unless the time clocks controlling the lights are readjusted to provide the layers with the day length they received on June 21.

The two points to remember are:

(Turn to Page A 12)

Otis





THE BIBLE SPEAKS

BY LAWRENCE W ALTHOUSE

THE SWORD IN YOUR HOUSE
June 24, 1984

Background Scripture:
2 Samuel 13:20 through 18:16; I Kings 1.
Devotional Reading:
2 Samuel 14: 25-33.

I wonder whether David really remembered all that the Prophet Nathan said to him. David knew that he had sinned in having Uriah killed so that he could have Bathsheba for his wife. "I have sinned against the Lord," David acknowledged.

Nathan's next words must have come to David with great relief: "The Lord also has put away your sin; you shall not die" (2 Samuel 12:13). Perhaps in the joy of moment, David did not realize that, though he was pardoned, there would still be consequences of his sin. And one of those consequences had already been prophesied by Nathan: "Now therefore the sword shall never depart from your house" (12:10).

ABSALOM THE THIEF

Unfortunately, Nathan was all too correct. God's forgiveness did not change the consequences of David's sins. Thus, although his was to be the greatest monarchy of Israel, and though David would always be remembered as Israel's ideal king, the "sword" of David's sin never "departed" from David's house.

It is ironic that it would be Absalom that would trouble him most. No matter how much David did for his son, no matter how much he loved him, Absalom seemed determined to bring sorrow upon his father.

The writer of 2 Samuel tells us of Absalom's crafty strategy to win the hearts and allegiance of his father's subjects and concludes with this telling observation: "Thus Absalom did to all of Israel who came to the king for judgement; so Absalom stole the hearts of the men of Israel" (15:6).

Soon the deceitful Absalom raised an army with which to steal also his father's kingdom and David had to flee from the capitol. Yet, I rather think that that which sorrowed David most was not the threat to his crown, but that the threat came from his own son - whom he had loved, still loved and could not help but continue to love.

O ABSALOM, MY SON!

All the love in the world was not enough to save Absalom. At last he came to the end which unknowingly he had chosen for himself. When at last David is brought the news of Absalom's death, the king utters a terrible cry that strkes a trembling chord within each of us:

O my son Absalom, my son, my son Absalom! Would that I had died instead of you, O Absalom, my son, my son!

Many of us have had our own Absalom and known the tragic sorrow that tore David's heart. Joab was told, "Behold, the king is weeping and mourning for Absalom," (19:1) and many must have wondered how David could mourn such a son. But if you've known an Absalom in your own life, you know what David knew. And only the grace of God can eventually heal the wounds of the sword that you bring into your own house.

Farm Calendar

Sunday, June 24

85th annual convention, Pa. Grocer's Association, Hershey Convention Center. Continues through Tuesday.

Annual Convention, Pa. Manufacturing Confectioner's Association, Hershey Hotel. Continues through Wednesday.

Ephrata Area Young Farmers Summer Picnic, 12:30 p.m., Ephrata Community Park.

Pa. Flying Farmers meeting, Keller Brothers airport at 1 p.m.

Monday, June 25

Pa. State Horticultural Association summer tours to Adams County. Continues tomorrow.

PennAg grain meeting and banquet, 6:30 p.m., Sheraton-Conestoga, Lancaster.

Tuesday, June 26

National Poultry Improvement Plan Conference, St. Paul, Minn. Avian influenza forum tomorrow; continues through Thursday.

Thursday, June 28

USDA planting acreage report due.

Regional Executive Committee meeting, Bradford County Extension Office, 8 p.m.

Friday, June 29

Rabbit Conference at Penn State, continues tomorrow.

Saturday, June 30

Annual Meeting, Pa. Red Cherry Growers Association, Stonehedge Restaurant, Gettysburg.

OUR READERS WRITE

Dear Editor:

I just came back not long ago from an annual trip.

The triangular shaped farm on which my family and I happen to be farming and are making part of our living from, is bordered on two of the sides by public roads. The annual trip that I am talking about is the trip that is necessary to make along the fields which border the road to collect litter before the spring growth hides it from plain view.

Every year the booty collected is much more than what was gathered the year before. There are dozens of different types of items. By far the largest number of pieces are beer cans and whiskey bottles carelessly and thoughtlessly thrown there by the alcohol-guzzling part of our population.

Cellophane cigarette wrappers, motor oil cans, soda cans and

(Turn to Page A12)

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OUR READERS WRITE,
AND OTHER OPINIONS

(Continued from Page A10)

bottles, foam drinking cups, plastic sandwich bags, aluminum pie plates, plastic egg cartons, foil and plastic chip bags, pieces of wire items and many more, too numerous to mention, are all right there.

Most of this roadside litter is made of substances which are not "biodegradable," which means that they do not rot or rust away readily they stay where they are thrown unless they get picked up.

This litter overflows into the fields along the roads. Even if picked up in the spring, by haymaking time the litter spreaders have been out again. Some pieces foul up the grass mower. Some of what gets by the mower gets picked up with the hay when it gets put away. It is not unusual to find a broken beer bottle or other pieces of litter in the feeding trough after the animals have cleaned up everything else. The animals over the countryside that have ruffered painful 'herdware deaths" by picking up thrown away pieces of litter are more than anybody knows.

It is no wonder that hardly any farmer or anybody who loves the outdoor countryside can talk about our littered roadsides without raising his blood pressure a little.

Do we need stricter and tougher anti-littering laws? Should a load of litter be deposited by the front door of those who are seen littering? Would there be a better punishment for a litterbug than making it compulsory for anyone caught to clean up a stretch of road by himself? That would get the litter picked up and would make anyone think before tossing out litter again.

Several years ago a custom spraying operator (I don't know who he was; that does not matter, had a habit of throwing his empty spray cans in the field along the creek where he filled his sprayer.

While picking up the cans one day I was curious enough to read the precautions on the label of one of the spray cans. The user of the spray material was warned to dispose of the empty can properly to make sure, he was to bury the can several feet deep at a place where the residue in the can would not be able to pollute a stream of water.

I couldn't help but wonder why the spray company was so concerned about the little bit of spray material sticking to the inside of the can and at the same time had no worry of the pollution that the rest of the five gallons would do to the field that it got sprayed on. It just didn't add up.

A year or so ago, one of the boys picked up an old can lying partly in the creek and collected some earth worms for the pet ducks that we had. The two ducks foamed at the mouth and went into cunvulsions soon after they started eating the worms. In less than five minutes the ducks were both dead, just from eating the worms that had been placed in a thrown-away chemical can of some kind.

Don't things like that make you feel that it is time for the public to awaken up to the dangers which such like the proposed Narvon chemical dump could bring to a community? Wouldn't it make sense to use less of some of the highly toxic materials that were used in the past? Every year it is necessary to use more virulent materials to kill the weeds and insects that get resistant to what was used before. Isn't it about time to reverse that trend?

Each generation that passes through here is responsible to the following generations for taking care of what God shares with them. Being careful of what is being put on the land is surely part of that stewardship.

There is one thing to be grateful for. We can be glad that the people who lived in this country five hundred years ago didn't start then to pollute the land with litter and chemicals like our generation is doing.

Our lands along the public roads would be knee deep in plastic and litter. Our fields would be too loaded with poisons to grow anything. Our countryside would not be fit to live in.

Benuel S. Blank
R2, Narvon, Pa.

Now is the Time

(Continued from Page A10)

1) never subject layers to a decrease in day length and 2) unless time clocks are readjusted on June 21, the layers in non-light tight houses and could be exposed to an unintentional decrease in day length.

To Use The Agronomy Guide

The 1983-84 Agronomy Guide published by our Extension Service at Penn State is one of the very best handbooks for all farmers. This guide has been published for years and is updated every two years. Copies are available at any Extension Office in Pennsylvania for a cost of only $2.00 We urge farmers to purchase a copy and use it.

I am concerned that many farmers who have them are not using them. Answers to numerous phone calls asking about crop practices can be found in the Agronomy Guide. I suggest that each farmer index the crops being grown with tabs so the information can be found more rapidly.

One of these rainy days become more familiar with the contents of this Guide. It is very useful and contains dependable and researched informaton.

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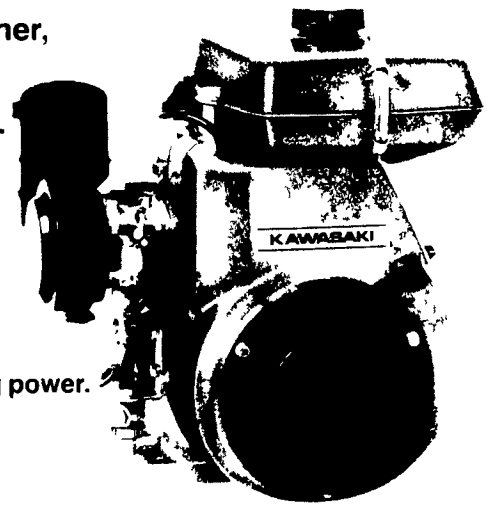

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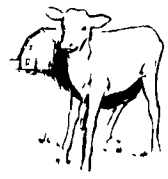

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Livestock market and auction news

Omaha Weekly

Thursday, June 21
Report supplied by USDA

Fed Cattle prices ranged generally steady - .50 higher thru midweek, with the advance confined to moderate supplies of Choice Steers over 1075 lbs. and same grade Heifers over 950 lbs. lighter weight, under finished offerings experienced a narrowed demand and prices on many of these kinds .50 to as much as 1.00 lower. At midweek, the general tone of the market was on the weak side; but receipts ran light enough to halt any market decline. Cows and Bulls steady - 1.00 lower.

Estimated 5 day receipts 11,300; actuals last week 10,438 and last year 12,164. Steers comprised 52 pct. of the week's receipts; Heifers 38 pct; Cows 7 pct; Feeders 2 pct.

SLAUGHTER STEERS: At the close, Choice 2-4 1075-1275 lbs. 65.00-66.00. Mixed good and Choice 2-3 1000-1150 lbs. 62.50-65.00. Few Good 60.50-63.00.

SLAUGHTER HEIFERS: At the close, Choice 2-4 950-1125 lbs. 63.00-64.00, several lots 64.25-64.50. Mixed Good and Choice 2-3 900-1000 lbs. 60.50-63.00. Good 59.00-61.00.

Average of LS-214 detailed quotations 900-1100 lb. Choice Steers 64.35; 1100-1300 lbs. 65.92. Average Cost Steers 64.48, average weight 1127 lbs.; as compared 64.29 and 1143 lbs. a week ago. Average cost Heifers 62.88, average weight 997 lbs.; as compared 62.57 and 999 lbs. a week ago.

COWS: Breaking Utility and Commercial 2-3 41.00-44.00, few high dressing individuals to 46.50. Cutter and Boning Utility 1-2 39.00-43.50, few high dressing to 45.75. Canner and low Cutter 35.50-39.00.

BULLS: 1-2 1100-2000 lbs. 48.50-52.50.

Keister's Livestock

Middleburg, Pa.
Tuesday, June 19
Report is Supplied by the Auction

CATTLE 427. Compared with last Tuesday's market, Choice slaughter steers 62.50-66.10, Good 58-62.50 Standard 55-58.00, Utility 45-55.00. Choice slaughter heifers 58-60.75, Good 55-58.00, Standard 50-55.00, Utility 42-50.00. Breaking Utility & Commercial slaughter cows 42-46.85, few 48.75, Individual at 50.50, Cutter & Boning Utility 40-45.75, Canner & Low Cutter 35-40.00, Shells down to 30.00. Choice slaughter bullocks 60-62.60, Good 55-58.85. Yield Grade #1 1200-2035 lbs. slaughter bulls 50-55.10, Yield Grade #2 800-1200 lbs. 45-50.00.

FEEDER CATTLE: 350-750 lbs. feeder steers 45-58.50, 300-700 lbs. feeder heifers 35-48.00, 300-875 lbs. feeder bulls 42-55.00.

CALVES 184. Choice Vealers 78.94.00, Good 65-75.00, Standard & Good 90-110 lbs. 58-65.00, Utility 60-90 lbs. 45-58.00.

FARM CALVES. Holstein Bulls 90-125 lbs. 70-94.00.

HOGS 592. US No. 1-2 210-235 lbs. barrows & gilts 52.75-53.75, few down $5.00, No. 1-3 190-250 lbs. 51.50-52.75, No. 2-3 190-270 lbs. 51.50. US NO. 1-3 360-600 lbs. sows 40-45.00, No. 2-3 220-500 lbs. 32-40.00. Boars 33-38.00.

FEEDER PIGS 409. US No. 1-3 10-20 lbs. feeder pigs 16-28.00 per head, No. 1-3 20-50 lbs. 28-44.00 per head.

SHEEP 63. Choice 90-110 lbs. spring slaughter lambs at 60.00, Good 50-100 lbs. 40-50.00. Slaughter ewes 12-25.00.

East Coast Carlot

Wednesday, June 20
Report supplied by USDA

Compared to Tuesday's close: Trading slow, demand light for moderate supplies of veal. Prime Special Fed and Good and Choice Boning Veal generally steady; no comparison available for inshipped. Spring Lamb slow to weak undertone. Compared with last week 75% Chem Lean Boneless .50 higher. Beef Trimmings steady to .50 lower.

VEAL CARCASS
Prime (Special Fed)
Hide On 150 Head

220-280 lbs. LTD 160.00-168.00, generally steady.

Good & Choice
Boning Type
Hide On

Northeastern Suppliers: 65-75 lbs. LTD 93.00, generally steady; 55-64 lbs. LTD 91.00; 45-54 lbs. LTD 89.00; 35-44 lbs. LTD 87.00; 34 lbs. down LTD 85.00.

Inshipped: 71-80 lbs. 94.00-96.00, no comparison; 61-70 lbs. 92.00-94.00; 51-60 lbs. 90.00-92.00; 41-50 lbs. 88.00-90.00; 30-40 lbs. 86.00-88.00.

Spring Lamb Carcass
Choice & Prime 3-4

No sales reported.

Boneless Beef
(US and Canadian Origin)
2 Loads

Compared with last week:
75% Chem Lean, Fresh 86.50, .50 higher.

Beef Trimmings
8 Loads

Compared with last week:
65% Chem Lean, Fresh 74.50, .50 lower.
50% Chem Lean, Fresh 58.00, steady.

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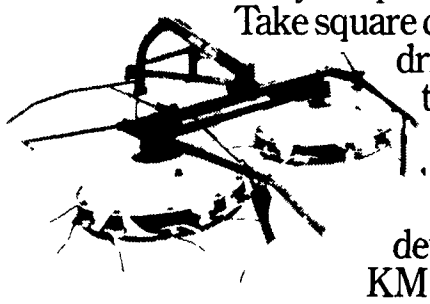

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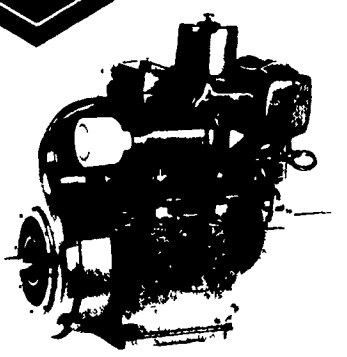

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DEALER INQUIRIES INVITED

Philadelphia Wholesale Fruit and Vegetable Report

Philadelphia, Pa.
Monday, June 18
Report Supplied by USDA

FRUIT

APPLES: SLIGHTLY HIGHER. CONTROLLED ATMOSPHERE STORAGE ctn tray pack; WASH USExFcy Red Delicious 56-64s few 19.50; 72s 17.50-18.50 few lower; 80-88s 16.50-17.50 few 18.50; 100s 15.50-16.50 few higher & lower; 113s 15.00-16.50 mostly 15.50; 125s one lot 16.50; Golden Delicious 72s & 113s 16.50 one lot; 100s 19.50; CANADA Red Delicious USExFcy 88s 16.50; 12-3 lb film bags 2-¼ inch minimum PA USFcy Red Delicious one lot 9.50 REGULAR STORAGE; NEW ZEALAND Granny Smith ctn tray pack; 88s 19.00; 100s 18.00; 113s 17.00.

CHERRIES: CALIF 18-lb lug 12-½ row size & larger 20.00 11-½ row size & larger 23.00.

GRAPES: LOWER. CALIF 22-lb lugs Perlette 15.00-17.00; Flame Seedless 20.00-21.00 few 22.00-25.00 few lower Beauty Seedless 23.00; Cardinals 17.00; Exotics 27.50.

STRAWBERRIES: SLIGHTLY LOWER. CALIF 12-pt flats med-lge 9.60-10.80 mostly 10.20; med-med/lge 9.00 one label 12.00-15.00; NJ 8-quart flat ord cond 2-2.50.

VEGETABLES

ASPARAGUS: SUPPLIES LIGHT. WASH pyramid crt US#1 jbo 30.00; lge 29.00; std 28.00.

BEANS: HIGHER. Various bu containers Round Green type unless otherwise stated; SC 12.00-14.00; NC fair appear 10.00; GA 12.00-13.00; MD 12.00 few 13.00; NJ Fava 8.00-10.00.

BEETS: Ctn bchd 12s; NJ 7.50-8.00 few 6.00.

BROCCOLI: HIGHER. CALIF ctn bchd 14s one lot 7.00-8.00 few 10.50-11.00 occ higher; 18s 9.50 few 11.00-11.50 one lot 7.00-8.00 occ higher.

CABBAGE: ABOUT STEADY. 1-¾ buctn & crt medium Green unless otherwise stated; NC & SC 4.50-5.00 Red one lot 6.00; NJ 3.50-4.50 mostly 3.50-4.00 few 5.00 few low as 2.50; MD 3.50-4.00.

CARROTS: HIGHER. 48-1 lb film bags in film sacks; CALIF med-lge 9.00-10.00 mostly 9.00 fair cond 7.00-8.00; FLA med-lge 8-8.50; 50-lb sacks loose jumbo; CALIF 13.00; FLA one lot 15.00 ctn bchd 24s; CALIF 9.50-10.50.

CAULIFLOWER: CALIF ctn film wrpd 9s one lot 14.00; 12s 14.00-15.00 one lot 12.00 fair cond 8.00-9.00.

CELERY: ABOUT STEADY. CALIF ctns & crts 2-2-½ doz 12.00-13.00 mostly 12.00 few 11.00-11.50; 3 doz 10.50-11.50 few higher fair cond 9.00-10.00; 4 doz 11.50 few higher; Hearts 18s 9.00-10.00; FLA crts 2-2-½ doz 11.00-11.50; 3-4 doz 10.00-11.00 mostly 10.50.

CHINESE CABBAGE: NJ 1-1/9 bucrts 7.00; CALIF ½ WGA crt Nappa & Bok Choy; 12.00 2-½ bucrts Nappa 19.00.

CORN: SLIGHTLY LOWER. Wire bound crts approx 4-½-5 doz FLA Yellow 8.50-9.50 mostly 8.50 few higher & low White 11.00-12.00 mostly 12.00 few 12.50 occ higher & lower.

CUCUMBERS: HIGHER. 1-1/9 bucrts & ctns waxed medium unless otherwise stated; FLA few 16.00 fair cond 10.00 fair qual 12.00 fair cond 5.00; lge 10.00; SC few 17.50-18.00 fair qual 12.00-13.00 few 14.00 few 10.00; sml 15.00; lge 8.00 fair cond 5.00; NC fair qual 10.00 bubkts fair qual 12.00 sml 11.00; lge 5.00-6.00; GA fair qual 12.00-14.00; MD 12.00 fair qual 10.00; CANADA Long Seedless 12-14s 8.00.

LETTUCE ICEBERG: LOWER. Ctn 24s unless otherwise stated; CALIF 13.00-14.00 few 15.00 few 12.50 ord-fair cond 6.00-11.00; wrpd 14.00-15.00 one lot 16.00; 30s 13.00; NJ 7.00-8.00 one lot best 10.00 fair cond 5.00-6.50.

ROMAINE: LOWER. NJ crts 24s 5.00-6.00 mostly 5.00 few 4.50 fair cond 3.50-4.00 1-¼ bucrts 3.00-4.00; CALIF 24s crts 12.00-13.00 ctns 9.00-10.00 few 11.00; NY crt 24s 6.00.

BIG BOSTON: NJ crt 24s 4-4.50 few 5.50-6.00 fair cond 3.00; CALIF ctn 24s 8.00.

BIBB: NJ ctn 24s 4.00-5.00; OHIO 16-quart bkt 4.50-5.00.

LEAF: NJ 4/5 bucrt 3.00 1-¼ bucrts 5.00-6.00 mostly 6.00 few 6.50 fair cond 2.50-3.00; Red 5.00-6.00 few 6.50; OHIO 24-quart bkt 5.00; CALIF ctn 24s 11.00-11.50; Red 9.00-10.00.

MUSHROOMS: STEADY. PA 4-qt. bkt med-lge 5-5.25 few 5.50; sml-med 3.75-4.00 mostly 4.00; 10-lb ctn 9-9.25 few 9.50; 10-12 oz flats 9.50-10.00.

ONIONS: ABOUT STEADY. 50-lb sacks US#1 or generally good quality Yellow unless otherwise stated; TEX Grano jbo 8.00-9.00 mostly 8.50 ord-fair cond 4.00-7.50; Repacker size 7.50-8.50 mostly 8.50; 20-2 lb mesh bags 9.50-10.00; 25-lb sks Red lge 6.00; CALIF Grano jbo 8-8.50 occ higher one lot best size 8.75-9.00 few 9.50 fair cond 7-7.50; Repacker size one lot 8.50-9.00; Red 40-lb ctn jbo 9.00-10.00; med 8.00; GA Granex type med few 12.00-14.00.

ONIONS-GREEN: SLIGHTLY HIGHER. NJ crt bchd 36s 5.50-6.50 mostly 6.00 few 7.00; CALIF ctn bchd 48s few 8.00.

PARSLEY: HIGHER. bchd 5 dozen curly unless otherwise slated; NJ bubkts 8.00-9.00 few higher & lower; 30s 5.00; Plain 8.00-10.00 few lower; 30s 5.00; CALIF ctn 11.00-13.00.

PEAS-GREEN: NJ buhmprs 6.00-7.00.

PEAS-SOUTHERN: FLA buhmprs Purple Hull one lot 10.00 few 16.00.

PEAS-OTHER: Sugar per lb; CALIF ctns 2.20; NJ crts one lot 1.00.

PEPPERS: LOWER. Calif Wonder type Green 1-1/9 bucrts & ctns unless otherwise stated; FLA exlge 11.00; lge 7.00-8.00 mostly 8.00 few higher few 6.00; med 3.00-5.00; Mixed Red lge 5.00-6.00 few 7-7.50 few 4.00 fair cond 2.00-3.00; Cubanelle lge few 12.00-13.00; Longhots 12.00; TEX med 4.00-5.00; GA lge 7.00-8.00 mostly 8.00 few 9.00 med 5.00-6.00 few 7.00.

RADISHES: SLIGHTLY LOWER. Ctns Red 30-6 oz film bags; OHIO 5.00-6.00 mostly 6.00; 12-1 lb 6.00 ctn bchd 24s 5.00; NJ Red lug bchd 24s 5.00.

SPINACH. LOWER. NJ Savoy type bubkt & crts 8.00-9.00 mostly 8.50 one lot higher with root 12.00; OHIO Savoy type 1-1/9 bucrt clipper 7.00-8.00.

SQUASH: ABOUT STEADY. ½ & 5/9 bucrts & ctns; NJ sml-med Zucchini 3.00-4.00 few higher & lower; Yellow Straightneck 2.00-3.00 few higher; FLA White sml-med 6.00 few 4.00 1-1/9 bucrts Acorn sml-med 13.00.

TOMATOES: LOWER. 25-lb ctn Pink to Light Red 85% or better U.S.#1 or generall good quality unless otherwise stated SALES BY REPACKERS; FLA one lot 5x6s 11.00-12.00; 6x6s 10.00-11.00; 6x7s 9-9.50; CALIF 5x6s 12.00; 6x6s 10.00; SALES BY OTHERS; FLA 5x6s 11.00-12.00 few 10.00; 6x6s 9.00-10.00; 6x7s 9-9.50 occ higher fair qual 5x6s 8.00-10.00 mostly 9.00; 6x6s 7.00-8.00 mostly 8.00; 6x7s 7.00; SC 5x6s 11.00-12.00 few 9.00; 6x6s 10.00-11.00; 6x7s 7.00-9.00 fair qual; 5x6s 7.50-8.00; 6x6s 5.50; GA 5x6s 11.00-12.00 fair cond 8.00; 6x6s 10.00-11.00; 6x7s 9-9.50; MEXICO lugs Plum type 10.50-11.00; CHERRY TYPE 12-1 pt flats; FLA 6.00-7.00 fair cond 3.00.

Pa. Vegetables

Thursday, June 21
Report Supplied by PDA

Strawberries: $1.25-1.75 qt. range; Average 1.50 qt.; 8 qt. flat - 1.25/qt.; $9.00/flat; Pick-Your-Own - 50 cents-70 cents/lb.; 65 cents/75 cents/qt. 10-100 qts.; 50 cents/qt. over 100 qts.

Apples: Ida Red - Rome Beauty - Red Delicious — Wine Sap $3.85/peck, $2.55 ½ peck, $1.35/till; Melrose - $3.50 peck, $2.25 ½ peck, $1.25/till.

Apple Cider - $2.25 gal.
Asparagus - $1.98 lb.
Cauliflower - $.89-1.39 head.
Carrots - $.35 lb.
Cabbage - $.19 lb. & $.79 head.
Cucumbers - $.25 ea. & 5 at $1.00.
Broccoli - $.79 head.
Beets - $.49 bunch of 4.

Lettuce - Head lettuce $.50-59 head & 1.00/2 heads, Butter lettuce .70 2 heads, Salad bowl .50 head, Romaine .40 head.

Green Garden Onions - $.60 bunch (8-12).
Old Potatoes - $1.25 10 lbs.

Shelling Peas - $.59 lb., $.79 qt., $2.75 ½ peck.

Sugar Peas - $.99 lb., range $1.15-1.59 qt.
Red & White
Radishes - $.40-50 bunch.
Spinach - $.79 ½ peck.
Tomatoes - $1.59 lb-hydroponic.
Zucchini Squash - $.49 lb.
Rhubarb - $.50 lb.
Bing Cherries - $1.89 qt.

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Chambersburg Livestock

Thursday, June 14
Report supplied by PDA

CATTLE 257: Compared with last Thursday's market, slaughter cows strong to 1.00 higher. Few Choice 1000-1300 lbs. slaughter steers 59.75-65.00, few Good 59.25-60.00, few Standard 45.25-50.75, few Utility 42.00-46.00. Few Choice slaughter heifers 59.00-62.75, few Good 52.00-56.00, few Standard 46.00-51.00. Breaking Utility & Commercial slaughter cows 44.00-47.75, Cutter & Boning Utility 41.50-46.00, Canner & Low Cutter 39.00-41.25, Shells down to 36.25. Yield Grade #1 900-1460 lbs. slaughter bulls 47.25-55.75.

CALVES 472: Few Choice Vealers 70.00-80.00, Good 62.00-68.00, Standard & Good 70-105 lbs. 55.00-63.50, Utility 60-90 lbs. 45.00-56.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 61.00-75.00, few to 98.00. Few Holstein Heifers 90-120 lbs. 60.00-70.00.

HOGS 17: Two lots No. 1-3 207 & 225 lbs. 47.00-48.00. Sows: Few US No. 1-3 315-565 lbs. sows 42.50-43.50. Individual Boar at 33.00.

FEEDER PIGS 15: One lot US No. 1-3 50 lbs. feeder pigs at 31.00 per head.

SHEEP 0: Goats: 0.

Indiana Livestock

Homer City, Pa.
Thursday, June 21
Report Supplied by PDA

CATTLE: 201. Compared with last Thursday's market: Slaughter steers steady; Sl. cows steady to weak. Sl. steers: Choice 61.20-63.00; Good 56.50-61.50; Standard 52.00-56.50; (few) Utility 47.00-51.00; Sl. heifers: Choice 58.00-62.00; Good 55.00-58.50; Standard 49.00-54.00; (few) Utility 45.00-50.00. Sl. cows: Breaking Utility & Commercial 44.50-47.00 few to 49.00; (few) Cutter and Boning Utility 40.00-44.70; Canner & L. Cutter 31.50-40.00; Shells down to 26.00; Sl. bulls: Yield Grade No. 1, 1100-1600 lbs. 48.00-53.75; Yield Grade No. 2, 900-1400 lbs. 45.00-48.75.

FEEDER CATTLE: Steers, (few) Medium Frame No. 1, 500-650 lbs. 50.00-54.00; Feeder Bulls (few) Medium Frame No. 1 450-600 lbs. 47.75-51.00.

CALVES: at 41.00. Vealers grading good and choice 3.00-5.00 lower. Standard and Steady; (few) Choice 65.00-67.00; Good 56.00-62.75; Standard & Good 90-120 lbs. 55.00-62.00; 60-85 lbs. 45.00-56.00.

FARM CALVES: Hol. Bulls 90-125 lbs. 70.00-95.00.

HOGS: 152. Barrows and gilts 2.50-3.00 higher. US No. 1-2 220-250 lbs. 53.00-53.25; No. 1-3 210-255 lbs. 51.75-52.75 1 lot; No. 2-3 270 at 50.75; Sows US No. 1-3 350-550 lbs. 38.50-42.50; No. 2-3 400-600 lbs. 36.00-39.00; Boars 30.00-34.00.

FEEDER PIGS: 24. US No. 1-3 15-25 lbs. 9.00-16.00 per head; No. 1-3 45-50 lbs. 30.00-32.00.

SHEEP: 36.00 few choice 74.00; Spring sl. lambs 63.00; (few) Good 55 at 48.00 lbs. Sl. sheep 12.00-20.00.

Central U.S. Carlot

Pork Report
Wednesday, June 20
Report supplied by USDA

Compared to Tuesday's 4:00 report: Fresh Pork Loins 17-22 lbs. $1.00 to $2.00 higher. Picnics and Boston Butts steady. Skinned Hams 17-26 lbs. steady, 26&up lbs. $2.00 higher. Sdls Bellies steady to $1.00 higher. Trade slow; demand light to moderate on moderate offerings.

Sales reported on 35 loads of Fresh Pork Cuts and 3 loads of Trimmings and Boneless Processing Pork.

Fresh Pork Cuts

LOINS: (Regular) 14-17 lbs. 93.50-94.00; 14-17 lbs. 91.00-91.25, late Tues., 2.00 lower; 17-22 lbs. 89.00-90.00, 1.00-2.00 higher.

LOINS: (Retail Trim) 14-17 lbs. 106.00; 14-17 lbs. 108.00 next week ship; 14-17 lbs. 108.50 short cut.

PICNICS: 4-8 lbs. 50.00, steady; 8&up lbs. 48.00, steady.

BOSTON BUTTS: 4-8 lbs. 80.00, steady; 4-8 lbs. 84.00, mid next week ship, no comparison.

SPARERIBS: 3.5&down lbs. 131.00, frozen.

HAMS SKINNED: 14-17 lbs. 75.00 frozen/T.I.S.; 17-20 lbs. 70.00, steady; 20-26 lbs. 72.00, steady; 26&up lbs. 64.00, 2.00 higher.

BELLIES: (Sdls -Skin On): 10-12 lbs. 63.50, steady; 12-14 lbs. 72.00, 1.00 higher; 14-16 lbs. 72.00.

Pork Trimmings
Boneless Processing Pork
(Chemical Lean)

Jowls, fresh 40.50.
Jowls, frozen 41.50-42.00.

(Continued from Page A2)

holstein bulls to return to farm.

VEALERS: Few High Choice and Prime 270-350 lbs. 103.00-110.00, couple 110.00-117.00; Choice 160-320 lbs. 83.00-98.00, few 98.00-105.00; high Good and low Choice 160-325 lbs. 66.00-85.00, 120-160 lbs. 60.00-70.00, 80-115 lbs. 48.00-62.00, 60-80 lbs. 35.00-50.00; uncertified 80-115 lbs. 39.00-45.00, 60-80 lbs. 29.00-40.00.

SLAUGHTER CALVES: Good and Choice 250-450 lbs. 47.00-60.00.

RETURNED TO FARM: Bulk 95-120 lb. holstein bulls 65.00-90.00, few 90.00-96.00, several 85-95 lbs. 58.00-75.00.

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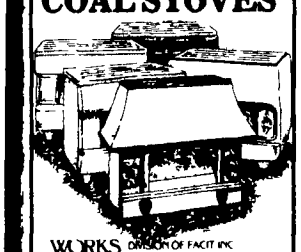

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Penn State Agronomy Field Day

(Continued from Page A1)

pastures contained 53 percent more alfalfa plants than orchardgrass pastures after two years of grazing," Bosworth said.

— Ryegrass mixtures are a little less weedy.

— And they adapt to intense frequent cuttings - 4 to 5 a year.

But what about disadvantages:

— Ryegrass is not as winter-hardy as orchardgrass, but acceptable for Pa.

— And, when the ryegrass is higher in proportion to the alfalfa in the mixture, it doesn't clip as well.

Presently in the early stages of the research, Penn State is recommending a seeding rate of 10 lbs. of alfalfa with 10 lbs. of ryegrass to the acre.

But tests currently in progress hope to fine-tune the seeding rate more closely with the particular variety of ryegrass being used.

The Penn State plots currently include four varieties of ryegrass - Reveille, Taptoe, Bastion and Citadel - in 6, 12 and 18-pound seeding rates with alfalfa in rates of 3, 6, and 12 pounds to the acre.

"In a couple of years, we hope to have better data on seeding rates based on the growth habits of the various varieties of ryegrass," Bosworth said.

Both the cutting and fertilization management for the alfalfa-ryegrass mistures are geared to the alfalfa. For example, if more cuttings are made, 4-5, it's better now to use Grimaldi ryegrass; but if the first cutting is made at bloom stage and less frequent cuttings are made, it is better to stick to Reveille.

Ryegrass mixtures are an excellent pasture mix, very palatible, and is the favorite grazing in places like Europe and New Zealand.

The ryegrass doesn't take over a stand as readily as orchard-grass and a seven-year-old stand – while showing signs that other grasses were moving in, did not show the takeover that orchardgrass would have shown.

The ryegrass studies are being done at Penn State by G.A. Jung of the USDA Pasture Research Lab.

And, in other forage news:

Developments

— A new Reed Canarygrass is under development which is low in alkaloids.

— In tall fescue, a new variety is under development with low tissue fungus levels, which has been a problem affecting summer quality. It would be a certified fungus-free variety and could not be transmitted since the fungus is seed-transmitted.

"Thus far, we've not been able to re-infect clean plants," explained William Stringer.

Anthracnose

— Anthracnose is the main disease at which Penn State Red clover breeding efforts are being directed. Breeding trials are being directed at both the Northern and Southern types and it doesn't hurt to use varieties resistant to both – no matter where you plant in the state. Seven varieties of Red Clover are now listed in the Agronomy Guide and next year the list will likely be updated to about 10.

Verticillium Wilt

— While there are resistant alfalfa varieties, all of them – if inoculated in the lab – will not show signs of the disease but will carry the fungus. The Penn State research hunt is being concentrated on plants that don't support the fungus, but so far the hunt has been discouraging.

But never disregard Verticillium Wilt in picking an alfalfa variety. Also, look for resistance to Anthracnose, Fusarium Wilt and Bacterial Wilt.

The present important need in disease research for alfalfa is a better lab test that reflects more exactly what happens in the field.

Weed Control

— "Our current thinking concerning weed control in alfalfa," according to Nathan Hartwig," is like that for corn and soybeans - an annual treatment (except first year) that controls the weeds coming right from seed.

Hartwig also favors the lowest labeled application rates for herbicides like Sinbar and Velpar because the higher rates can cause alfalfa damage.

A new herbicide – Fusilade – is not yet labeled for alfalfa, but looks like it will take out the grasses and not harm the alfalfa. It may be labeled in the next couple of years. But it doesn't affect dandelion and other dicods. It could be used pre-emergence to take the annual grasses out of a no-till alfalfa seeding.

Brassicas

The Brassicas – designed to provide late summer and fall pasture – like nitrogen, according to Penn State research, and about 75 lbs. to the acre gets them off to a good start and helps suppress weeds.

Also, the best method for Brassica establishment is no-till sod-seeding. It reduces erosion, permits grazing under all kinds of weather conditions and reduces loss due to flea beetles.

Corn production also was included in the field day program. One of the major areas of study over the past four years has centered on manure management in corn.

The study, which includes the 1981 through 1983 harvests, shows a definite advantage for incorporating the manure. Incorporation by disc or injection showed yield advantages of 12 to 30 bushels an acre over non-incorporation.

But no appreciable difference was noted in either fall or spring application if both were incorporated.

Compaction was also studied in the tests involving liquid dairy manure. The tractor, spreader and manure weighed a total of 23 tons and no yield loss was noted due to compaction.

In weed control, no difference was found between herbicide application before or after manuring. A longer look will be taken at this phase of the study to determine if weeds are due to the manure being applied or due to the continuous growing of corn.

Another phase of the study showed the value of manure analysis. Good data can be gotten from analysis of liquid manure that is well agitated. Analysis permits better manure management and prevents high nutrient buildups in soils. These studies will also provide better averages that will help other farmers throughout the state in evaluating the value of their manure.

Sid Bosworth examines alfalfa-ryegrass plots at Field Day at Penn State.

Carlisle Livestock Auction

Carlisle, Pa.
Tuesday, June 19
Report supplied by auction

CATTLE: Steers: Mostly Holsteins, Medium to Good 49.50-56.25. Heifers: Medium 48.00-53.50. Cows: 1.00 lower. High Yield 44.00-45.85; Average 40.00-44.00; Big Middle 38.00-43.00; Shelly 37.00 down. Fat Bulls: Good 52.00-55.00; Medium 46.85-52.00.

FEEDER CATTLE: Steers (300-550 lb.)- Few dairy type 41.00-49.00. Steers (600-850 lb.)- Few Medium Holsteins 46.00-51.00. Heifers (all weights) Good run; steady. Choice 55.00-57.00; Good 50.40-55.00; Medium 38.00-49.00. Bulls (all weights)- Few Medium 45.00-49.00.

VEAL CALVES: Choice 80.00-95.00; Good 65.00-80.00; Medium 50.00-65.00; Light/weak 50.00-down. Farm Bulls- 85.00-100.00.

HOGS: Barrows & Gilts strong demand, very active. 210-250 lbs. 52.60-53.25; over 260 lb. 49.75-52.00.

SOWS: Steady to .50 lower. Over 450 lb. 37.50-42.10; under 450 37.50-44.75. Boars Heavy 35.25-35.75; Light 45.75-48.00.

FEEDER PIGS (by the hd): 2.00 higher; (20-25 lbs. 20.00-24.00 hd) (30-40 lbs. 25.00-36.00 hd) (47-55 lbs. 31.00-39.00). Shoats (by the lb.) to 48.00.

SHEEP: Lambs- Individual 100.00 (large run) Choice 63.00-74.00; Good 57.00-63.00; Medium 55.00 down. Ewes- 16.00-22.00 lb.

GOATS: (Lg) 29.00-38.00 (hd); Sm./Med. 8.00-27.00 (hd); Family 52.50.

Sale every Tues. evening 7:00 p.m.

Chambersburg Auction

Chambersburg, Pa.
Thursday, June 21
Report supplied by PDA

CATTLE: 282. Compared with last Thursday's market: Sl. cows 1.50-2.50 lower; few Choice 1200-1480 lbs. 57.60-60.85, Good 54.75-57.85 few to 61.50; few Good and choice Holsteins 1200-1500 lbs. 52.85-57.85; few Standard 47.00-55.00; few Utility and low Standard 42.25-46.00. Sl. heifers: few Choice 58.75-60.60; few Good 48.35-50.25; few Standard 42.00-49.00; Sl. cows: Breaking Utility & Commercial 42.10-45.35 few to 47.25 low dressing 36.00-41.60; Cutter and Boning Utility 38.60-43.60; Canner & L. Cutter 36.85-39.60; Shells down to 29.50. Sl. bullocks: few Standard 45.50-47.85; Sl. bulls: Yield Grade No. 1, 1260-1900 lbs. 48.00-55.75 Individual at 60.85.

FEEDER CATTLE: Steers, few Medium Frame No. 1, 450-750 lbs. 62.00-63.00. Heifers, few Medium Frame No. 1, 400-600 lbs. 38.00-40.00.

CALVES: 460. Vealers 3.00-6.00 lower. Few Choice 64.00-68.00; few Good 52.00-60.00, Standard & Good 90-115 lbs. 53.00-58.50; 70-90 lbs. 46.00-54.00; Utility 90-120 lbs. 41.00-50.00; 50-85 lbs. 30.00-45.00.

FARM CALVES: Active Hol. Bulls 85-135 lbs. 80.00-103.00, some down to 57.00; Hol. Heifers 90-110 lbs. 59.00-64.00 Beef cross calves 80-225 lbs. 57.00-72.00, individual at 80.00.

HOGS: 19. No. 1-3 220-230 lbs. 52.75-53.35. Sows few US No. 1-3 350-450 lbs. 38.00-41.50.

FEEDER PIGS: 7. 1 lot of US No. 1-3 40 at 29.00.

SHEEP: 32 few Choice 50.00-70.00. Spring sl. lambs 57.00-59.00. Stock Ewes: 1 lot 19.50 per hundred weight.

GOATS: 8. 15.00-34.00 per head.

G&M Livestock

Monday, June 18
Duncansville, Pa.
Report supplied by auction

SLAUGHTER CATTLE: Steers-Choice 64.00-66.50; Good 58.00-64.00; Standard 50.00-58.00; Utility 42.00-50.00. Heifers- Choice 64.00-66.40; Good 56.00-64.00; Standard 48.00-56.00; Utility 40.00-48.00. Cows- Choice 48.00-50.00, few to 55.00; Good 44.00-48.00; Standard 42.00-44.00; Utility 40.00-42.00; Cutters 38.00-40.00; Canners down to 36.00. Bulls 1200-2260 lbs. 44.00-58.10; 900-1100 lbs. 42.00-52.00.

FEEDER CATTLE: Steers-Choice 300-600 lbs. 50.00-60.00. Heifers- Choice 300-600 lbs. 46.00-56.00.

CALVES: Vealers- Prime and High Choice 75.00-90.00; Good and Choice 60.00-75.00; Standard 45.00-60.00; Utility down to 35.00. Farm Calves- Holstein bulls 90-120 lbs. 75.00-102.00; Heifers 90-120 lbs. 60.00-82.50.

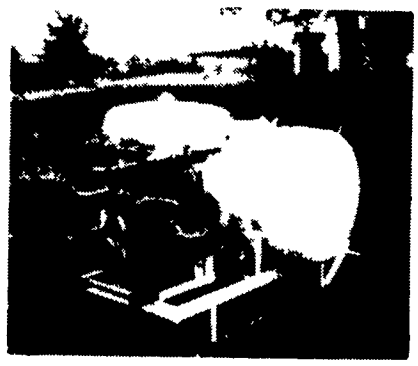
HOGS: Barrows and Gilts 210-250 lbs. 49.50-53.60; 170-300 lbs. 45.00-48.00; Sows 300-650 lbs. 40.00-47.75.

FEEDER PIGS: 25-35 lbs. 22.00-32.00 per head; 35-50 lbs. 32.00-42.00.

SHEEP: Slaughter lambs 70-90 lbs. 50.00-66.00; Ewes 12.00-32.00.

GOATS: 10.00-44.00.

AIR BLAST SPRAYER



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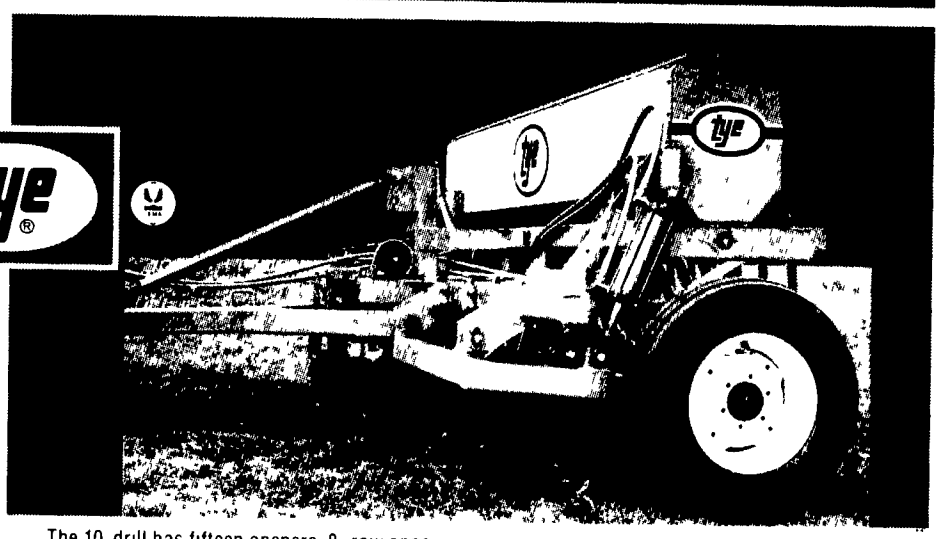

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Weekly Summary

Friday, June 22

Report Supplied by PDA

CATTLE: 8574. Compared with 8070 head last week, and 8427 head a year ago. Compared with last Friday's summary Slaughter steers steady to 75 cents lower; Sl. heifers mostly steady; Sl. cows steady to 1.00 lower; Sl. bullocks steady to strong. Sl. steers; High Choice & Prime 64.50-67.00 few to 68.00; Choice 61.00-65.00 Good 55.00-62.00; Standard 48.00-56.00; Sl. heifers: Choice 58.00-62.25; Good 52.50-58.00; Standard 47.00-54.00; Sl. cows: Breaking Utility & Commercial 43.00-48.00; Cutter and Boning Utility 39.50-45.00; Canner & L. Cutter 33.50-40.50; Shells down to 26.00; Sl. bullocks: Choice 56.00-62.50; Good 52.00-58.00; (few) Standard 47.00-53.75; Sl. bulls: Yield Grade No. 1, 1200-2300 lbs. 50.00-56.50; Yield Grade No. 2, 900-1400 lbs. 45.00-51.00.

FEEDER CATTLE: Steers, (few) Medium Frame No. 1, 350-600 lbs. 50.00-58.00; (few) Large Frame No. 1 at 69.00 lbs. Feeder Heifers, Medium Frame No. 1, 350-700 lbs. 42.75-53.00; Feeder Bulls (few) Medium Frame No. 1, 400-600 lbs. 49.00-55.50.

CALVES: 4357. Compared with 4039 head last week and 4641 head a year ago. Vealers uneven. (Few) Prime 102.00-119.00; Choice 65.00-95.00; Good 55.00-80.00 Standard & Good 90.00-110.00 lbs. 52.00-63.00; 70-90 lbs. 35.00-55.00; Utility & Uncertified 50-100 lbs. 10.00-45.00.

FARM HOLSTEIN BULLS: 85-135 lbs. 65.00-100.00; Hol. Heifers 90-125 lbs. 55.00-69.00.

HOGS: 7021. Compared with 6331 head last week and 7440 head a year ago. Barrows and gilts 1.50-3.50 higher. US No. 1-2 200-245 lbs. 52.00-54.75 No. 1-3 200-250 lbs. 51.50-53.50; No. 2-3 200-285 lbs. 48.00-51.50; No. 1-3 140-190 lbs. 45.00-47.50; Sows US No. 1-3 300-625 lbs. 38.00-43.50 few to 45.00; No. 2-3 300-685 lbs. 33.50-40.00. Boars 30.00-35.00 few to 44.00.

FEEDER PIGS: 1633. Compared with 1277 head last week and 1773 a year ago. Mostly steady. US No. 1-3 20-35 lbs. 16.00-29.00 per head; No. 1-3 35-50 lbs. 27.00-39.00; (few) No. 1-3 50-85 lbs. 31.00-50.00.

GRADED FEEDER PIGS: 2416. Compared with 1583 head last week, and 2834 head a year ago. All sales by CWT. Feeder Pigs uneven, mostly 3.00-12.00 lower. US No. 1-2 20-30 lbs. 110-125, 30-40 lbs. 87.00-114.00, 40-50 lbs. lbs. 64.00-106.00, 50-60 lbs. 67.00-98.00, 60-85 lbs. 58.00-86.00; US No. 2-3 30-40 lbs. 60.00-112.00, 40-60 lbs. 60.00-75.00.

SHEEP: 1275. Compared with 1228 head last week and 1512 head a year ago. Spring sl. lambs steady to 3.00 lower. High Choice & Prime 40-110 lbs. 58.00-68.00 Choice 40-115 lbs. 50.00-64.00; (few) Good 40-85 lbs. 40.00-58.00; Sl. sheep 7.00-25.00.

Westminster Livestock Auction

Westminster, Md.

Tuesday, June 19

Report supplied by auction

SLAUGHTER COWS: Steady to .50 lower. High Yield 45.00-46.50; Utility 41.00-45.00; Canners 36.00-41.00; Shelly 38.00 down.

BULLS: Few offered. Few Medium 45.75-49.25.

FED STEERS: 30 head. Good demand. High Choice 62.50-64.00; Low Choice 59.00-62.50; Good 55.00-59.00; Good Holsteins 47.00-51.00; Standard 43.00-47.00.

VEAL CALVES: 179 head. Choice one at 76.00; Standard & Good 58.00-70.00; Stocky/Thin 40.00-55.00; Killers 80-100 lb. 50.00-60.00; Weak/Rough 40.00 down.

FARM CALVES: $5.00 lower. Holstein Bulls 95-125 lb. mainly 85.00-95.00; Beef Type 90-120 lb. 55.00-82.00;

BUTCHER HOGS: $1.00 higher. US #1&2 215-240 lb. 51.00-51.35; US 1&3 215-240 lb. 49.50-50.00.

SOWS: 300-450 lb. 36.00-40.50.

BOARS: 500-600 lb. 33.75-35.25.

STOCK CATTLE: Fair run.

STEERS: Good 300-700 lb. 55.00-61.00; Holsteins 400-700 lb. 40.00-45.00.

HEIFERS: Good 300-700 lb. 42.00-47.00; few Choice to 55.00.

BULLS: Good 500-800 lb. 42.00-49.00.

LAMBS: Good run, demand weaker. Low Choice 90-110 lb. 50.00-56.00; Good 75-90 lb. 40.00-50.00.

SHEEP: Bulk 9.00-16.00, few to 20.00.

GOATS: 50 head. Mature 30.00-45.00; Big 49.00-58.00; Kids 16.00-25.00.

PIGS AND SHOATS: 136 head. By the Head- 15-30 lb. 17.00-29.00; 30-50 lb. 22.00-31.00. By the Lb.- 120-180 lb. 41.00-45.00.

HAY SALE: 2 loads. New Alfalfa 116.00 per ton; Timothy Clover 1.05 per bale.

NOTICE: June 26th will be the last hay sale until October.

North Jersey Livestock

Hackettstown, N.J.

Tuesday, June 19

Report supplied by auction

1212 head.

Calves 20.00-79.00; Cows 32.00-49.00; Easy Cows 20.00-42.75; Heifers 30.00-58.50; Bulls 41.25-53.75; Steers 40.50-63.50; Hogs 35.00-50.00; Roasting Pigs, each 15.00-50.00; Kids 5.00-35.00; Boars 34.00-40.00; Sows 32.00-40.00; Sheep 8.00-40.00; Lambs, each 15.00-55.00; Lambs, per lb. 46.00-80.00; Goats, each 8.00-81.00.

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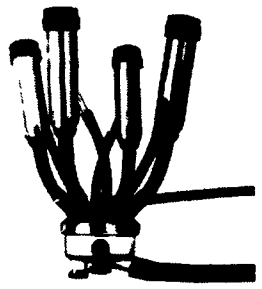

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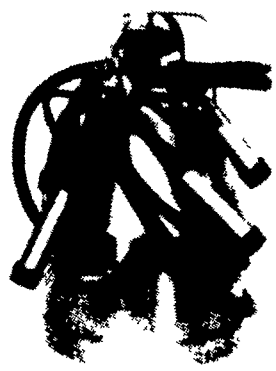

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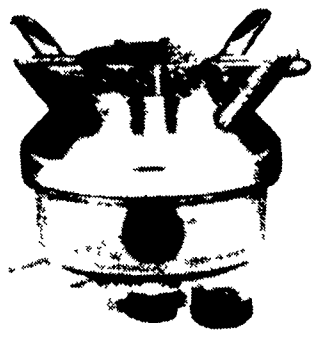

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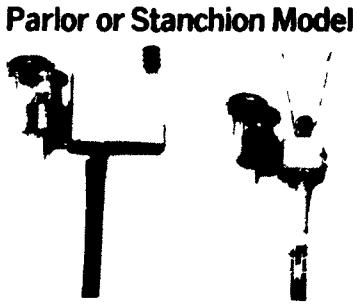

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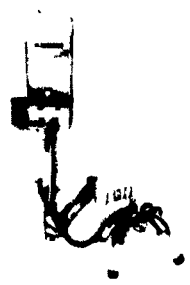

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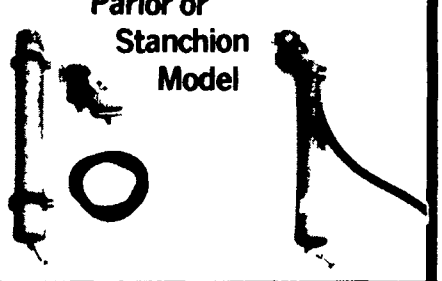

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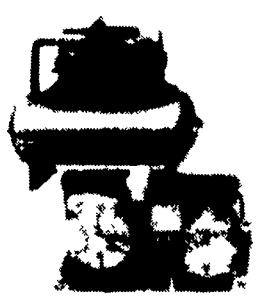

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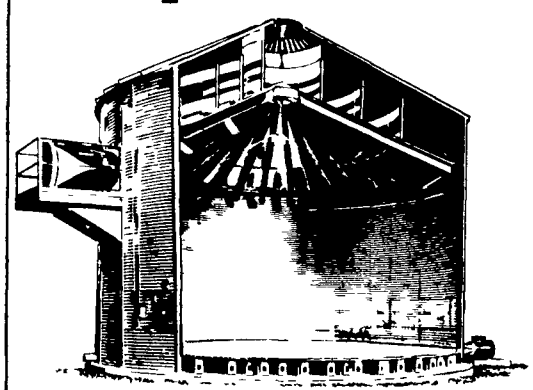

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Teach summer farm workers safe habits

NEWARK, Del. — With the end of school and start of the growing season, area farmers are hiring seasonal help. Many of these young workers have limited experience or skills, yet many may use or be exposed to potentially dangerous equipment or chemicals.

By teaching them about farm hazards and how to do their jobs properly, employers can greatly reduce farm-related accidents this summer, says University of Delaware extension farm safety specialist Ron Jester.

"Looking back over my own boyhood on a farm, operating machines, logging, maintaining buildings, raising broilers, running irrigation systems and much more," Jester says, "I realize how little safety training we got. And most of that was pretty superficial."

He says the situation is much the same today on many farms — especially family-operated farms. "One tends to assume an employee's or family member's previous knowledge and skill. But the risks are too great to take these things for granted," the specialist says. Instead, he urges farmers to make sure all workers do their jobs properly and safely — especially when new equipment or a new process is involved.

"Some people question the relevance of safety training for family-operated farms," Jester says. "But such training has value regardless of how many people you employ. Accident prevention is an individual concern. Actually, it's even more important in small operations like family farms because a disabling injury affects a larger percentage of the work force."

Child labor laws require training 14- and 15-year-olds who are employed in a number of hazardous farm jobs. This law doesn't include youth working for their parents or guardians, or those over 16. But the need to train them, too, is obvious, the specialist says. A recent study by the National Safety Council shows that workers under 24 years of age suffer a disproportionate number of severe and fatal accidents for their representation in the work force and exposure to hazards.

"All the evidence points to the need for safety training of employees — especially the younger ones," Jester says.

Training won't eliminate all accidents. And it can't take the place of good safety practices. It's not a substitute for guards on equipment, efficient ventilation systems, roll-over protection on tractors, well maintained tools or personal protective equipment. Eliminating or minimizing hazards is as important as training workers to do their jobs safely.

Monitoring employees' work habits is also important, the specialist says. "Periodically check to make sure your training is effective — that workers are performing tasks and operating equipment correctly. Without monitoring and enforcement, safety training lacks meaning and employees have less incentive to put that training to use."

Agriculture has a poor accident record compared to other industries. In them, safety training is required by OSHA, though many companies would provide it anyway because they know it pays off. Some even offer off-the-job training because they realize that lost time — for whatever reason — is costly. Considering this cost, safety education pays big dividends, Jester says. It also shows workers that management has a genuine concern for their well-being, and this benefits morale.

"Safety isn't a liability that slows you down," he concludes. "It's an asset that speeds progress, no matter what you're doing. Whyu not follow industry's example and put safety training to work on your farm?"

For information on safety training programs provided by the Delaware Cooperative Extension Service, contact extension safety specialist Ron Jester at the University of Delaware Georgetown Substation (856-5250).

Conservation awards program announced

HARRISBURG — State Agriculture Secretary Penrose Hallowell Monday said that Pennsylvania farmers who demonstrate practical ways to conserve soil and water in their farm operations are eligible to take part in a national soil and water conservation awards program.

This year's second annual awards program is sponsored by the National Endowment for Soil and Water Conservaton and the DuPont Company. Three national winners each receive $1,000 awards.

Hallowell urged Pennsylvania conservation farmers to take part in the program, which is designed to recognize individual farmers who employ sound, innovative and cost-effective soil and water conservation techniques. "Pennsylvania farmers deserve recognition and encouragement for their efforts as stewards of our precious natural resources," the Secretary said. "Through this program, their initiatives can be brought to the attention of the agricultural community and the general public."

A coordinating committee of farm, conservation and government leaders selects a conservation farmer/rancher from each state. The state coordinator is Vernal C. Miles, Land Improvement Contractors Association of America, 336 West 16th Street, New Cumberland, PA 17070. Hallowell said farmers wishing more information on the program should contact Miles at the above address.

The Endowment Technical Advisory Committee reviews the conservation work of the 50 state nominees and selects ten national finalists on the basis of their accomplishments in soil and water resource management and pollution abatement. The national finalists and their spouses receive an expense-paid trip to Washington to attend a national awards ceremony in the fall.

Winners in the 1983 awards program were from Kentucky, Oregon and Wisconsin. Other finalists were from Indiana, Kansas, Maryland, Michigan, Montana, North Carolina and Utah.

The National Endowment for Soil and Water Conservation, established in June 1982, is a nonprofit, privately funded nonpolitical organization dedicated to conserving natural resources and fostering a sense of stewardship for the land.

Nursery receipts increase

HARRISBURG — Gross receipts of the Commonwealth's 3,930 certified nurseries and dealers totaled $315.2 million in 1983, up three percent from 1981 figures, according to the Pennsylvania Crop Reporting Service.

The 1983 statistics show retail sales of $233.4 million, accounting for approximately 74 percent of the total receipts. Sales by certified nurseries were responsible for 48 percent of the total receipts, while 52 percent of the receipts were for certified dealers in nursery products. The breakdown by product-source sales were: 35 percent self-grown; 32 percent purchased from other Pennsylvania establishments; and 33 percent purchased from out-of-state concerns.

Last year, the nursery and landscaping industry provided employment for 18,773 workers with 42 percent of the total employed in a fulltime basis. In addition, 3,319 unpaid family members also worked in the industry. Salaries and wages paid totaled $91.8 million, and expenditures for services such as fertilizing, spraying, etc. totaled $7 million.

The 1983 market value of land, structures and equipment used in Pennsylvania's nursery and landscaping industry totaled $481.8 million. A total of 21,566 acres were utilized in nursery operations during the period. Land used by operators of nursery product enterprises for all agricultural operations, including nurseries, totaled 136,245 acres.

Greenhouse area totaled 16.9 million square feet, while cold frames covered 2.9 million square feet. Shaded areas covered 2.6 million square feet and sales and storage areas covered 7.5 million square feet.

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USDA seeks public comment on 1985 grain program

WASHINGTON, D.C. — The U.S. Department of Agriculture is seeking public comment on some aspects of the 1985 feed grain program prior to making a decision on the program, a USDA official said recently.

Everett Rank, administrator of USDA's Agricultural Stabilization and Conservation Service, said USDA will study the public's recommendations along with current data on U.S. and world crop conditions and crop supply and demand before announcing the 1985 program.

Specifically, Rank said, USDA would like to receive comments on:

— the loan and purchase level;

— the established target price;

— the national program acreage;

— whether there should be a voluntary reduction percentage and, if so, what percentage;

— whether there should be an acreage reduction program and, if so, what percentage and how to establish the acreage bases for the acreage reduction program;

— whether a set-aside requirement is necessary and, if so, what percentage;

— whether there should be a land diversion program and, if so, the extent of such diversion and the level of payment;

— whether barley should be eligible for payment purposes under the feed grain program;

— whether malting barley should be exempt from any acreage reduction program;

— if an acreage reduction or set-aside program is necessary, whether to allow haying and grazing of acreage conservation reserve acreage;

— provisions of the farmer-owned reserve:

— whether to require offsetting compliance if an acreage reduction program is established;

— whether non-recourse loans and purchases should be made available to producers who cut their corn crop for silage; and

— whether contracts that producers sign to participate in the program should be binding after the signup period.

Rank said current law stipulates that if USDA estimates the quantity of corn on hand in the United States on Sept. 30, 1985, will exceed 1.1 billion bushels, a cash land diversion program of not less than 5 percent must be provided and an acreage reduction program may be provided.

If a combination cash land diversion and acreage reduction program is offered, the total reduction may not exceed 20 percent, Rank said.

Any required reduction in excess of 15 percent must be equally apportioned between a cash land diversion program and an acreage reduction program.

The payment rate for any cash land diversion for corn cannot be less than $1.50 per bushel.

Comments should be sent to director, Analysis Division, room 3741-S, ASCS-USDA P.O. Box 2415, Washington, D.C. 20013. The comments, which must be received no later than Aug. 6, will be available for public inspection in that room during regular business hours.

USDA celebrates Dairy Month

WASHINGTON, D.C. — Angie was the first cow to attend classes at the Van Ness Elementary School here.

The 1,000-pound Holstein was there as a teacher. Her subject, of course, was milk – from its source to the many nutritious and tasty products made from it.

The occasion – an event in a nationwide celebration of "June is Dairy Month" – brought to the school as special guests, the 36 members of the National Dairy Promotion and Research Board and top officials of the U.S. Department of Agriculture.

Sharing the spotlight with Angie were Secretary of Agriculture John R. Block, his wife Sue, and Essex Finney, acting associate area director of the U.S. Department of Agriculture's research center at Beltsville, MD., where Angie is one of the research herd animals.

After Van Ness principal James Harris welcomed and introduced the guests, Finney introduced Angie to the 300 students, their faculty and guests. He explained some details of Angie's life style, talked about the dairy industry and displayed an array of dairy products.

The students received ice cream from the Ice Cream Manufacturers Association and gifts from the Mid-Atlantic Milk Marketing Area.

Mrs. Block described many delicious dairy products and distributed samples to the students.

After signing a declaration officially making June "Dairy Month," Block shared some of his experiences growing up on a farm, where milking cows was one of his chores. He stressed the importance of the dairy industry in everyone's life, and invited the students to share in his appreciation of dairy farmers for their hard work and dedication in providing wholesome, nutritious food.

Angie, who waited patiently through all the speeches, became the center of attention as student volunteers, with a demonstration and instructions from Block, tried their hand at milking.

Van Ness Elementary, site of the USDA-sponsored event, was "adopted" by USDA under the national partnership-in-education program announced last year by President Reagan. Through this volunteer program, the private sector and federal agencies cooperate to promote and improve education in local communities.

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Progressive thinking, honesty and common sense are the key

BY ROBIN PHILLIPS
Staff Correspondent

Columbia Cross Roads — Dairymen, there is a sale in the works that embraces progressive thinking, honesty in breeding and marketing and a common sense approach to making money with milk. It's the Smokey Hill Production Sale to be held July 14 at the Troy Fairgrounds in Bradford County.

The sale will feature over 50 registered Jerseys, individually selected from over 300 Smokey Hill Jerseys, currently among the best in the state. The sale will be managed by the Pennsylvania Jersey Cattle Club which will retain a 15 percent commission from the sale price of each animal. The money will be used towards the 1985 national meeting of the American Jersey Cattle Club which will be held in Lancaster.

Perhaps to know more about the owner of Smokey Hill Jerseys, his philosophy and purpose for this sale, is to discover the opportunity this sale will provide to breeders across the state and nation.

Roy Watson began farming and milking his own cows in 1953. "My dad set me up in business. When I bought the farm, he sold it to me for what that barn cost," he says, adding that the barn had just been built onto the farm by his father. "I owed him alot and I still do. He backed me."

From this beginning and lots of hard work and perservance, Watson developed a registered Jersey herd that for many years stood second to none.

When Jersey herds were averaging 9,000 pounds of milk, Watson's Smokey Hill herd was pumping out 11,000 pounds. In 1966, Smokey Hill Jerseys were the highest in the state. Since then, they have held a place in the top ten herds every year. This past year the herd of Calvin Watson, Roy's son, received honors as the highest herd in the state with many Smokey Hill Jerseys filling his barn and adding to the herd average of over 14,000 pounds actual production.

"I've always bred to the top bulls," Watson says. "I have them (the cows) for one reason - production."

Production must come first and type second he says: "There's better 'very good' cows then there are 'excellent' cows."

Breeding with mainly production in mind and only looking for usable type never hurt the Smokey Hill herd. There is a Smokey Hill cow currently milking in Vermont that proves Watson's statements. Smokey Hill Generator Milly, a VG-84, has 24,940 pounds of milk to her credit with a 4.4 percent test and 1,105 pounds of fat. Two of her granddaughters will sell in the upcoming sale. Smokey Hill Baronet Gadget, a VG-86 cow milking over 15,000 pounds of milk with a 5.3% test, will also sell, as well as several "very good" 2-year-olds from excellent and sires that top the breed list.

The pedigrees of the Smokey Hill animals match their production. Foundation animals boast sires such as Milestones Generator, Trademark, S.S. Quicksilver of Fallneva. The current daughters are sired by breed leaders Favorite Saint, Top Brass and Quicksilvers Magic of Ogston. Production runs high in these cows and their butterfat tests range from 4.4 percent to 5.7 percent.

Roy Watson confesses that he did not accomplish this alone. While he was establishing his Jersey herd, he was also raising four sons who exemplify their father's thinking and, with his help, are now on their way in establishing their own dairy herds.

"I couldn't have done it without these boys," Watson says about Randy, 28, Rodney, 26, Calvin, 23, and Brian, 20. "There's nothing like your own sons."

Helping each of his sons on a five year plan to own their own farm and dairy herd, Watson says, "They do deserve credit and a farm in my opinion."

Currently Watson and his sons all work together with Watson's equipment, farming over 800 acres in Bradford County. Each son and his wife milks their own herd at their respective farm. Randy milks 62 registered Holsteins with 120 acres at his Blue Angel Flats farm. Rodney milks 70 registered Jerseys on the home farm, which he will take over sometime after the sale and maintain the Smokey Hill prefix. Calvin operates Little Pond Jerseys, and Brian milks 70 Jerseys at his Butteridge Farm. Each son is married and the wives enjoy helping with the dairy. Watson's Smokey Hill animals are scattered in each son's Jersey herd until the son has enough cows of his own.

"I do things with pride," Watson says when reflecting back on his life in dairy farming. His wife, Lucille, also shares his pride in farming and their sons. Each son has a farm sign, with the exception of Brian, that was had painted for them by their mother.

The Watson's knowledge of Jerseys, honesty and support of Jersey programs is widely respected throughout the state and nation. Watson says one of the greatest honors for him was to be elected president of the Pennsylvania Jersey Cattle Club in 1977, when someone was needed to reorganize a faltering club.

Admitting that it always made him feel inferior for his lack of a higher education, Watson says that a trip to Europe helped to change his attitude. There, he met a man who told him that a person who can help his four sons purchase their own farms, develop a leading dairy herd and earn respect throughout the nation, didn't need any more education. He received it throughout life, Watson was told.

With this advice, Watson continues. He has not only helped his own sons, but assists neighbors in starting their herds, cleaning up their farms and clearing the land.

Watson's association with the Pennsylvania Jersey Cattle Club did not end when his term as president was finished. After he lost over $70,000 through Schepps cheese, Watson needed a way to

(Turn to Page A34)

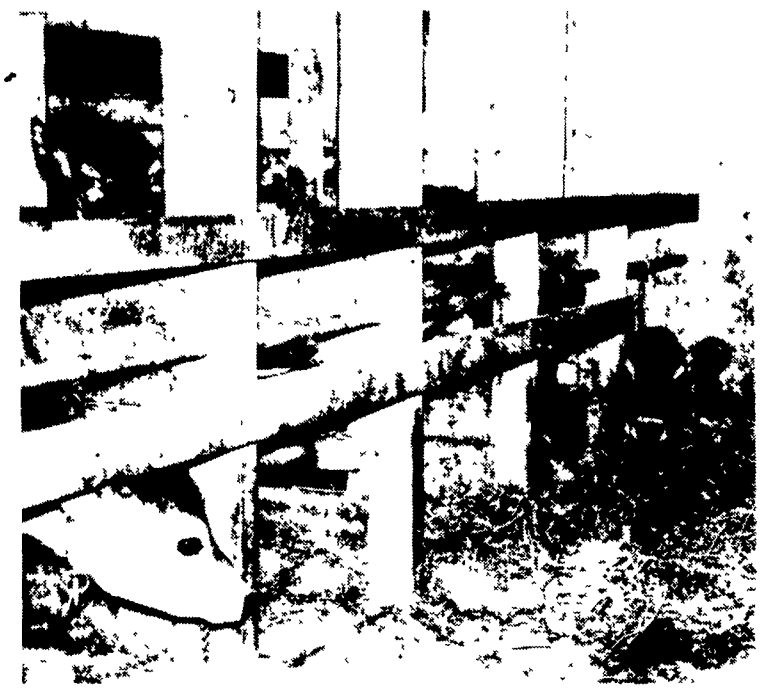
Farming Family

A family of farmers, Roy Watson, far right, helped each of his sons, from left, Rodney, Brian, Randy and Calvin, get started in the dairy cattle business.

Roy and Parents

With the help of his parents, Ruth and Ivan Watson, seated in tractor. Roy Watson became a dairy farmer in 1953.

Innovative Ideas



One of the features Roy Watson had his sons include when their dairy barns were remodeled were flagstone floors, pictured left. Another idea were the calf stalls in Brian's barn, above, which are designed so manure can be scraped out daily.

Little Pond Jerseys garner top state awards

BY ROBIN PHILLIPS
Staff Correspondent

TROY — Each year many dairy herds across the state are honored for besting all others of their breed in milk, fat, and lately, protein production. Sometimes a dairymen is proud to obtain two awards, for high milk and fat production, or high milk and protein production or vice versa. Very rarely can a dairy herd claim all three awards, but it's not impossible.

The Little Pond Jersey herd of Calvin and Judy Watson, R2 Troy, proved it. Earlier this year, the Watson herd was honored by the Pennsylvania Jersey Cattle Club with the awards for the highest Jersey herd in the state for milk, fat and protein production.

A young dairyman with a young herd, 23-year-old Calvin Watson is quick to point out that he had his father's help. His father, Roy Watson, helped him to purchase his farm and set him up with a dairy herd. Although Calvin moved away from the family for a time in 1982, the farm was waiting for him when he got back.

With a few of his own cows, Calvin's father again helped him get started by supplying him with first-calf heifers to fill the barn. With an average of 34 cows, two-thirds of them were 2-year-olds, this young Jersey dairyman achieved 14,616 pounds of milk, 5 percent butterfat and 737 pounds fat and 3.7 percent and 545 pounds of protein (actual production) in 1983 with his herd to bring him statewide honors.

"We had a good bunch of first calf heifers this last year," Calvin admits. Amoung them is a heifer his father had purchased as a calf which will be featured in the elder Watson's Smokey Hill Production Sale. Pine Buff Generals Gladys in 365 days at one year and 10 months pumped out 18,568 pounds milk, 5.3 percent butterfat and 976 pounds fat.

Another herdmate that Calvin bought from his father as a calf, Smokey Hill Chocolate Mindy, milked 14,228 pounds milk, 5.1 percent butterfat and 731 pounds fat actual at one year and ten months of age. Calvin states that he likes to have his first-calf heifers milk at least 10,000 pounds and says that with proper care they usually do. He only culls them for a poor record "if she doesn't have any excuses."

According to Calvin, it is the fresh feed he makes available to his cows all the time that makes them milk and test so well. His cows receive grass haylage twice a day, corn silage twice a day and grain on top of the silage twice a day.

"Everytime we feed silage, we feed grain on top of it," Calvin says. The Watsons grind their own rations and balance it according to the forage that is being fed. Forage smaples are taken every six months.

The haylage does not contain much alfalfa and, Calvin says, this helps to keep his butterfat test high. "Our herd average is running 5.1 percent now. We've never been under 5.0 percent," he says. No dry hay is fed to the cows and the haylage is chopped quite long. They do not use the recutter when chopping their haylage. Calvin adds, "The grain on the silage makes them eat it better, they'll eat more."

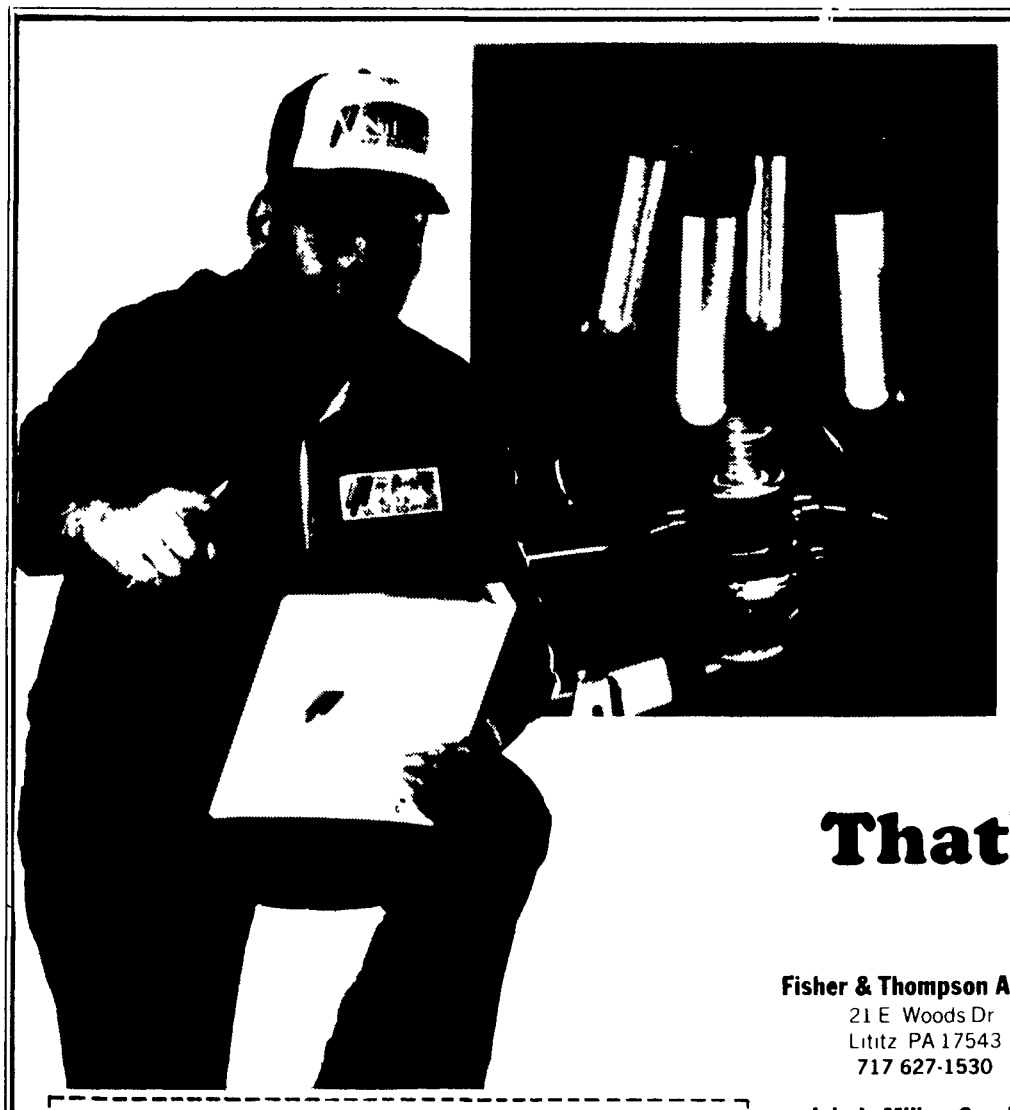
The cows are fed four times a day. Before each feeding, Calvin scrapes away any uneaten feed and gives the cows fresh portions. Roy adds, "feeding on time is as important as milking on time," a fact he taught his sons as youngsters. Both Watson's admit that the herd average began to climb when the ration was balanced according to their forage and when they switched to four times a day feeding. "I spend a lot of time out there, I feed them a lot," Calvin says.

Calvin got his start with Jerseys when he was 8-years-old. He said the deal was that dad gave them their first calf when they reached 10 years of age. "Since I went to the barn the earliest, I got mine when I was eight," Calvin says smiling.

(Turn to Page A37)

Young Farm Family

The Calvin Watson family, from left, Marty, Judy, twins Matthew and Mark and Calvin, stands with Honey Babe, an excellent 15-year-old which was Calvin's first Jersey cow.



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Cain-View shows top Holstein at Delaware

BY JACK HUBLEY

HARRINGTON, Del. — A two-year-old daughter of Roybrook Tempo and Waltmor Elevation Poppy was named grand champion in open competition at the Delaware Holstein Show on June 15.

Owned by Mark Cain of Cain-View Farm in Harrington, Cain-View Tempo Polly was shown by Mark's brother Mike, and also took best udder and senior champion, open class honors.

Classified VG-86, Polly's projected milk records are over 20,000 pounds and 1,000 pounds of butterfat. She was named third in senior yearling competition at last year's Delaware State Fair.

Cain-View Farm was well represented in the winner's circle, taking first place in the dairy herd and best three females classes, as well as sharing the premier exhibitor award with Norman Voss, Jr.

Sharing the premier exhibitor honors with Cain-View, Norman Voss was also named premier breeder, making this the fourth consecutive year that he has taken both titles.

Voss' other awards included junior champion of the open show with Vossmon Valiant Valerie, who was also the first-place senior yearling heifer. The Clayton dairyman also showed the first-place junior yearling heifer, junior heifer calf and dry cow, in open competition.

The junior show's grand champion was Centerdel Miner Topper L Omindy, shown by William Phipps III, son of W. Levis and Phillis Phipps of Centerville. Omindy was also named senior champion in the junior show.

Junior champion in the junior competition went to Dixiedel Valiant Chrissy exhibited by George Dixon, son of Sam and Pat Dixon of Kenton. George also took top honors in both junior showmanship and fitting contests.

Showmanship and fitting competitions turned into a family affair at this year's show, with six of the 14 participants in junior and senior competition being first cousins.

Judging the show was Robert Knutsen of Lovdal Farms in Rising Sun.

Held at the Delaware State Fairgrounds in Harrington, the show's field of 45 entries represented a 30 percent drop in participation compared to last year's show. Delaware Holstein Association secretary-treasurer Charmayne Busker attributed the lower attendance to an unusually wet spring that put most farmers behind schedule with their field work.

Following are the top three placings in each class. No reserve champions were named.

Delaware Holstein
Show Results

Junior Heifer Calf
Junior 1 Amy Hopkins 2 Crystal M Dulin
Open 1 Norman Voss Jr 2 Amy Hopkins 3 Levis and Phyllis Phipps

Intermediate Heifer Calf
Junior 1 Shawn Cook
Open 1 Aynestead Holsteins 2 Shawn Cook 3 Dutch Ayr Farm

Senior Heifer Calf
Junior 1 George Dixon 2 Kenny Warren 3 Kim Dulin
Open 1 Aynestead Holsteins 2 Norman Voss Jr 3 George Dixon

Junior Yearling Heifer
Junior 1 Laura Phipps 2 Sam Dixon IV
Open 1 Norman Voss Jr 2 Crystal Gerardi and Christopher Wyatt 3 Laura Phipps

Senior Yearling Heifer
Junior 1 Cheryl Warren 2 Lee Dulin III
Open 1 Norman Voss Jr 2 Levis and Phyllis Phipps 3 Dixiedel Holsteins

Junior Champion Female
Junior Dixiedel Holsteins
Open Norman Voss Jr

2 Year-Old
1 Cain View Farm 2 Cain View Farm 3 William Phipps III

3 Year Old Cow
1 Norman Voss Jr 2 Betsy Voss

4-Year Old Cow
Junior 1 Laura Phipps
Open 1 Laura Phipps 2 Norman Voss Jr

Aged Cow
1 Cain View Farm 2 Dutch Ayr Farm 3 Cain View Farm

Dry Cow
Junior 1 Mark Phipps
Open 1 Norman Voss Jr 2 Mark Phipps 3 Cain View Farm

Senior Champion Female
Junior William Phipps III
Open Cain View Farm

Grand Champion Female
Junior William Phipps III
Open Cain View Farm

Udder Class
1 Cain View Farm

Dam and Daughter
1 Laura Phipps

Best Three Females
1 Cain View Farm 2 Norman Voss Jr 3 Centerdel Farm

Dairy Herd
1 Cain View Farm 2 Norman Voss Jr 3 Centerdel Farm

Get of Sire
1 Aynestead and Dixiedel Holsteins

Fitting
Junior 1 George Dixon 2 Kim Dulin 3 Mark Phipps
Senior 1 Laura Phipps 2 William Phipps III 3 Shawn Cook

Showmanship
Junior 1 George Dixon 2 Mark Phipps 3 Sam Dixon IV
Senior 1 William Phipps III 2 Cheryl Warren 3 Kenny Warren

Premier Breeder
Norman Voss Jr

Premier Exhibitor
Cain View Farm and Norman Voss Jr

Cain-View Tempo Polly was named grand champion in open competition at the Delaware Holstein Show on June 15. Pictured with Polly are Delaware Dairy Princess Mary Lou Parry, exhibitor Mike Cain, and show judge Robert Knutsen.

Named grand champion and senior champion of the junior show was Centerdel Miner Topper L Omindy. Exhibited by William Phipps III, the two-year-old was last year's junior champion in open competition at the Delaware State Fair.

George Dixon took first-place in both fitting and showmanship in junior competition. The son of Sam and Pat Dixon of Kenton, George also showed the top senior heifer calf in the junior show.

June is dairy month

Block announces conference topics

WASHINGTON, D.C. — Secretary of Agriculture John R. Block recently announced program details for a major conference on conservation tillage slated for this fall in Nashville, Tenn.

The event, titled "Conservation Tillage — Strategies for the Future," is a product of the cooperative effort of USDA and more than 60 national organizations. Scheduled for October 3-5 at the Opryland Hotel, the program will examine the adoption of conservation tillage practices, and their current and future impact on farming, the environment, agribusiness, science, and government policy.

The conference will open with addresses by Secretary Block and Rep. Ed Jones (D-Tenn.), who chairs the House Subcommittee on Conservation, Credit, and Rural Development. Following these addresses, farmers, scientists, and agribusiness representatives will provide an overview of conservation tillage and discuss what conservation tillage means to agriculture.

Conference participants will then examine the following key issues:

• Economics: Does conservation tillage pay? Views of farmers, their lenders, and suppliers.

• Ecology: What are the effects of conservation tillage on soil, plant life, fish and wildlife?

• Production Technology: What is the state of the art in conservation tillage? What will it mean in the future for crop protection, soil and water conservation, fertilizer use, and farm machinery innovations?

• Public Policy: What should federal and state governments be doing about conservation tillage?

• Information: How can information on conservation tillage reach farmers?

More than 1,000 participants are expected at the conference from the various sponsoring organizations, including farm and commodity groups, the farm supply sector, conservation and environmental organizations, professional and scientific groups, as well as state and federal government representatives.

Cornell to hold Field Day

ITHACA, NY — Commercial sod growers, ground maintenance, supervisors, gold course superintendents, and other members of the turfgrass industry in New York and neighboring states are invited to the annual Cornell Turfgrass Field Day on July 11. The day-long event will take place at four sod farms in Orange County.

Participants are asked to gather at Schuback's Sod Farm near Pine Island on Pulaski Highway, off Route 17A, according to program coordinator, Norm Hummel, assistant professor of turfgrass science in the New York State College of Agriculture and Life Sciences at Cornell. Transportation to other sites will be provided.

Cornell and industry turfgrass experts will demonstrate the proper method of establishing a lawn from seed, sod, or through renovation. Participants also will see how sod is harvested, how soil drainage is beneficial, and how different types of topdressing machines work.

For information about registration before or at the site of the July 11 field day, contact Jan Jansen, Orange County Cooperative Extension, 239 Wisner Avenue, Middletown, NY 10940, or at (914) 343-1105.

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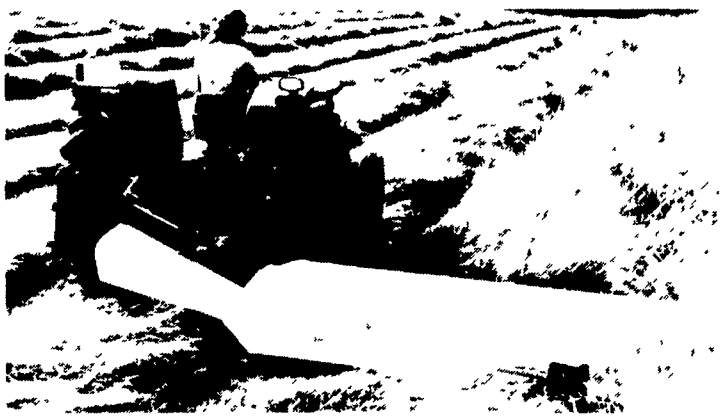

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Pasture tour showcases warm season forage options

BY JACK HUBLEY

PARKESBURG — Farmers attending a Chester County Pasture Tour on June 14, were introduced to a number of forage crops well suited for growth during southeastern Pennsylvania's typically hot, dry summer months.

Sponsored by the Chester County extension, the tour began at the Parkesburg farm of Mr. and Mrs. Robert Cairns, where plots of warm season grasses are currently being tested through a cooperative program involving the USDA Pasture Research Lab, Penn State University and the Soil Conservation Service. The tests are being sponsored by Allied Chemical Company.

Farmers standing knee-deep in the lush test plots listened as Dr. Gerry Jung of the Pasture Research Lab explained why warm season grasses, including a variety of switchgrasses and bluestems, may be the answer to forage needs during the searing summer months.

Jung explained that the grasses' modest water, nitrogen and phosphorus requirements, along with their optimum growing temperatures of 90 to 100 degrees, make them excellent summer forage alternatives.

"These grasses will grow under phosphorus levels that would kill cool season grasses," Jung pointed out, "and their low water requirements mean more efficient production of dry matter per unit water.

"When we withhold fertilizers we won't lose the stand," the researcher continued. "We've grown stands like this for five years without adding nitrogen."

But Jung was quick to note that the warm season varieties were not miracle grasses and would require proper management for optimum yields. He recommended leaving a 12-inch stubble after grazing for quick recovery, and stated that the digestability of warm season grasses is better for beef than for sheep.

Penn State agronomist Lynn Hoffman spoke briefly on weed control for warm season grasses, stressing that the time to control weeds is before seeding, "simply because the farmer has a much larger arsenal of herbicides that are usable prior to planting."

Hoffman noted that warm season grasses' tendency to establish slowly leaves them wide open for competition.

"Once the seed is in the ground, weed control becomes much more difficult," he cautioned.

The tour then moved to the Atglen farm of Joan and Bill MacCauley, where plantings of forage Brassicas were examined.

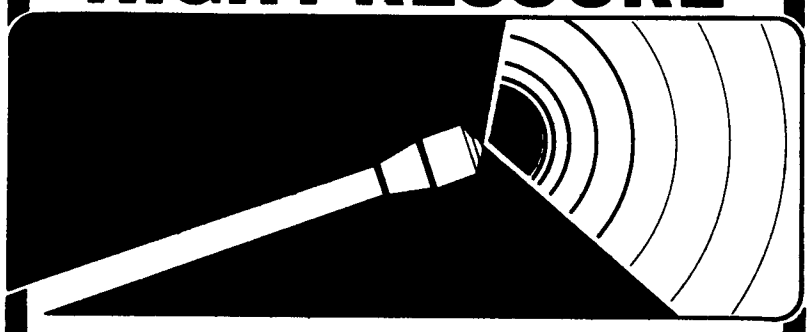
Following a talk on pasture renovation by Lynn Hoffman, Penn State agronomist Sid

(Turn to Page A25)

Penn State agronomist Dr. Lynn Hoffman (center) talks about pasture renovation amid a stand of Brassicas that he planted last month on the Atglen farm of Joan and Bill MacCauley.

Dr. Gerry Jung (far left) of the USDA Pasture Research Lab explains the virtues of warm season grasses to farmers during a Chester County Pasture Tour on June 14.

HIGH PRESSURE



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Additional Avian C & D funds requested

HARRISBURG — The need for additional cleanup and disinfection reimbursement was a key topic discussed during a joint House-Senate Agriculture Committee meeting concerning avian influenza on Tuesday.

Although $2,000,000 had been made available earlier this year to aid stricken Pa. poultry farmers in their cleanup efforts, it was noted that less than $3,000 of this appropriation will remain after July 1

The need for additional C×D funding became evident after a recent decision was made by USDA to rid the state of all "suspicious" flocks containing birds with positive serology.

Serologically positive birds are those having flu antibodies indicating past exposure to the virus. USDA has determined that such birds must be removed before the remaining quarantine can be lifted.

About 43 serologically positive flocks still exist within the quarantine area, and farmers can choose between immediate depopulation with indemnity, or controlled marketing (slaughter) to be completed by September 1.

If approved, the additional C×D monies would be made available through the Agriculture Department's portion of the state's general appropriations budget.

According to Warren Lamb, executive director of the House Agriculture Committee, the conference committee negotiating on the budget will probably announce its decision on C×D funding next week.

Scheps denied license

HARRISBURG — The Pa. Milk Marketing Board Thursday denied a license-renewal request from Schep's Cheese Company in Bradford County.

In denying the company's request, the board cited Schep's inability to pay producers and creditors. The company owes $6 million to approximately 250 dairy farmers and $14 million to another 100 creditors.

Schep's Cheese closed its Bradford County last July while still owing money to producers. The Bradford plant bought milk from Pennsylvania producers and sold it to Scheps for its cheese production.

Milk production down slightly from last year

HARRISBURG — Pennsylvania milk production during May totaled 840 million pounds, down one percent from last year, according to the Pennsylvania Crop and Livestock Reporting Service.

The number of milk cows in the commonwealth during May averaged 718,000 head, down 15,000 head from a year ago. Milk production per cow averaged 1,170 pounds in May, up 15 pounds per cow from a year ago.

United States milk production during May totaled 12.3 billion pounds, down three percent from the previous year. Total milk cows averaged 10.9 million head, 256,000 less than May 1983. Production per cow averaged 1,132 pounds, six pounds less than a year earlier.

Pasture tour

(Continued from Page A24)

Bosworth pointed out the advantages of Brassica crops such as the rape and turnips planted on the MacCauley farm to be utilized by their herd of Suffolk sheep.

With a crude protein content of 18 to 25 percent and a digestability rate of up to 95 percent, Brassicas are an excellent, high quality ration, Bosworth pointed out. He also stated that their low water requirements make Brassicas an excellent emergency forage in times of drought.

Bosworth noted that Brassicas grazed to a height of not less than five inches will regenerate sufficiently for continued grazing in as little as four weeks. The use of movable fencing was recommended to properly regulate grazing pressure.

On the subject of planting, Dr. Jung recommended establishing Brassica crops in sod during mid-May, with nitrogen applied at a rate of about 75 pounds per acre.

But Jung noted that, even when planted in August and harvested in November, turnips produce as much energy per acre as an acre of corn yielding 115 bushels.

Because of their high energy and low fiber content, Dr. Jung stated that Brassicas should be used as a high-energy supplement, accounting for not more than two-thirds of an animal's diet. He also added that the MacCauleys have found this high energy level particularly useful for flushing their ewes.

"For fall forage production, I don't know of any crop that can 'turn it on' like Brassicas," Jung concluded.

Various types of Brassica crops, including turnips, rape, swedes and kale, are currently being grown and evaluated for use by southeast Pennsylvania livestock producers. Plots are established in Chester, Berks, Bucks, Lehigh and Northampton Counties.

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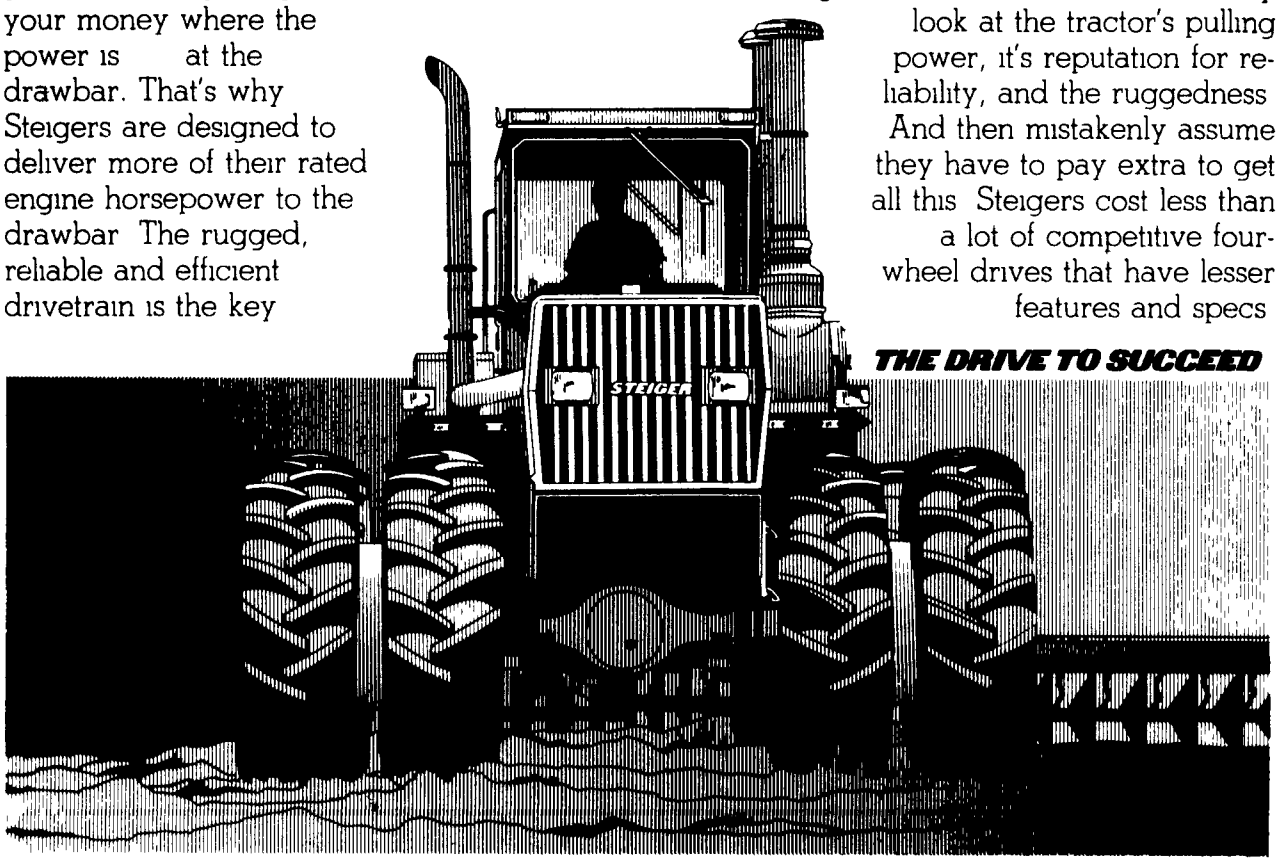

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Pa. FFA honors the 'Bluest of Blue —

(Continued from Page A1)

served as Eastern Regional Vice President a couple of years ago.

Eastern Vice President – M. Denise Ambler, Octorara Chapter.

North Central Vice President – Brian Shively, Mifflinburg Chapter.

South Central Vice President – Christine Hopple, Cumberland Valley Chapter.

Western Vice President – Kim Brownfield – Fayette County Vo-Tech.

Secretary – Jamie L. Frey, Solanco Chapter.

Treasurer – Tim Wetzel, West Snyder Chapter.

Reporter – Heather Hernley, Northern Lebanon Chapter.

Sentinel – William Walker, Bellwood-Antis Chapter.

Chaplain – Todd Fies, Annville-Cleona Chapter.

In addition to the new state president, the H. G. Parkinson Chapter at Fort Cherry High School in Washington Coun showed that it also has an up-and-comer in the person of Sean Porter, who recited the Creed to the state title.

In addition to the youthful newsmakers, there were a couple of note-worthy items about vo-ag advisors:

–Introduced officially at the convention was William Erikson, of Elizabethtown, who begins his duties July 1 as FFA Executive Secretary.

–Sonia Shaner, of Warwick High School, Lititz, was named a teacher representative.

But the concentrated two and one-half days of activities belonged to the youth and particularly those who were winners.

Gold medal winners and their schools in order of their placings in the various contests include:

Ag Mechanics

Ken Shertzer Penn Manor Bruce Tuckey Biglerville Tim Owens Clearfield Randy Gillis Central Westmoreland Mark Fay Cowanesque Trevor Briggs Northeast Bradford

Ag Salesmanship

Jeff Leydig Berlin Brothersvalley William Boothe Kennard Dale

Agronomy

Barry Spangler Mifflinburg Norman Runkles Jr Fairfield Fay Lobaugh Biglerville Dawn Heiter Kutztown Bill Copenhaver Bermudian Springs

Par Procedure

Annville Cleona Team — Todd Fies Tom Inman Andy Baer Tim Elliott Dale Balmer Karl Brandt Eric Morton Steve Riegel

Fort Cherry Team — Jeff Greene Ron Carter Laurie Duran Jeff Brezinski Chris Loffert Clyde Nichnick Keith Diamond Cliff Tandarich

Creed Speaking

Sean Porter Fort Cherry Patti Snook Mifflingburg Susan Elliott Annville Cleona Melissa Spayd Oley Valley Mike Countryman Berlin Brothersvalley Frank Harvey Montoursville Kevin Stoltzfus Twin Valley Tim Brown Linesville Scott Lemmon Big Spring Dave Rutty Canton Kelly McMaster Biglerville

Dairy Foods

Ronald Zimmerman Kutztown Mike Hershey Pequea Valley Daniel Groff Cedar Crest

Dairy Showmanship

Gerald Davison Shippensburg Eric Shipley Berlin Brothersvalley Theresa Tkaczuk O J Roberts Shawn Hissong James Buchanan

Farm Management

Jeff Martin Nevin Horning Thomas High all Ephrata

Floriculture

Steven Cox Beaver County AVTS Shirl Lehman Willow Street AVTS Cindy Craley York AVTS Amy Millar W B Saul Ellen Hanson Lebanon AVTS Dori Kreiner Mount Joy AVTS Joann Gower Bethlehem AVTS

Forestry

John Shook Penn Valley Donald Little Somerset AVTS James Sims Somerset AVTS Mike Johnson Terry Walizer both Sugar Valley

Interview

Dianne Steve Fayette AVTS Bob Dunkle Red Bank Valley Kim Katchmark West Greene Deanna Egli Canton

Land Judging

Mark Clouse ...tral Cove Robert Steinbauer Bellwood Antis David Groff Cedar Crest Floyd Seltzer Jr Blue Mountain Kent Halsey E Lancaster County Jim Eveler Red Lion Ray Zimmerman Tri Valley Thomas Steffy Kerry Gooder both E Lancaster County Brad Smith Central Cove Todd Musser Juniata Valley Jonathan Sonnem Conrad Weiser Scott Charles Penn Manor Kevin Guldin Oley Valley

Meats Judging

Rodney Nissly Crystal Kreider Trasee Aument all Penn Manor

Nursery Landscape

Trudi Zook Sandy Rice Lisa McMullen all Willow Street AVTS

Pleasure Horse

Brent Taylor Frank Zaffino both General McLane Tammy Ann Moran Blackhawk Diane Peterson Commodore Perry

Poultry

Roger Weaver E Lancaster County Doug Ressler Penn Manor Toni Kerin Derry Darryl Weaver E Lancaster County

Public Speaking

Greg Musser Elizabethtown Loren Burkholder James Buchanan Jill Jesiolowski Oley Valley William Walker Bellwood Antis Eric Corle Northern Bradford Jennifer Jesioloswki Oley Valley Larry Jennings Canton Betsy Dupuis State College Marlene Burdick Grove City Becky Pugh Purchase Line Valerie Sankey Clearfield

Conservation Speaking

Lisa McCoy Blackhawk Kathleen O Brien W B Saul Gary Bailey Clearfield J Richard Speer South Huntingdon County Sheila Biddle Williamsburg Bill Hoffman State College Duane Shoemaker Conrad Weiser Joseph Wertelet Conneaut Valley Russell Wolfe Northern Lebanon Jeffrey Smith Everett Lisa Acampora Canton Julie Draksler United

Extemporaneous

Carl Curtis West Perry Tim Plautz Ephrata Julie Hess Garden Spot Beth Mackereth Clearfield Area David Walter Mifflinburg Larry Engle Upper Dauphin Area Tyson Schweitzer Bedford Andrea Forry Somerset County AVTS Craig Watson Northern Potter Tom Decker Penn Manor Michael Walker Meyersdale Area

Scrapbook

Twin Valley Berlin Brothersvalley Somerset County AVTS Cedar Crest Manheim

Ind Gas Engine

Shane Clements Kennard Dale C Nelson Horning E Lancaster County

Team Gas Engines

Eastern Lancaster County Kennard Dale

Tractor Driving

Eugene Grosser Halifax Thomas Fidler Blue Mountain

Wildlife

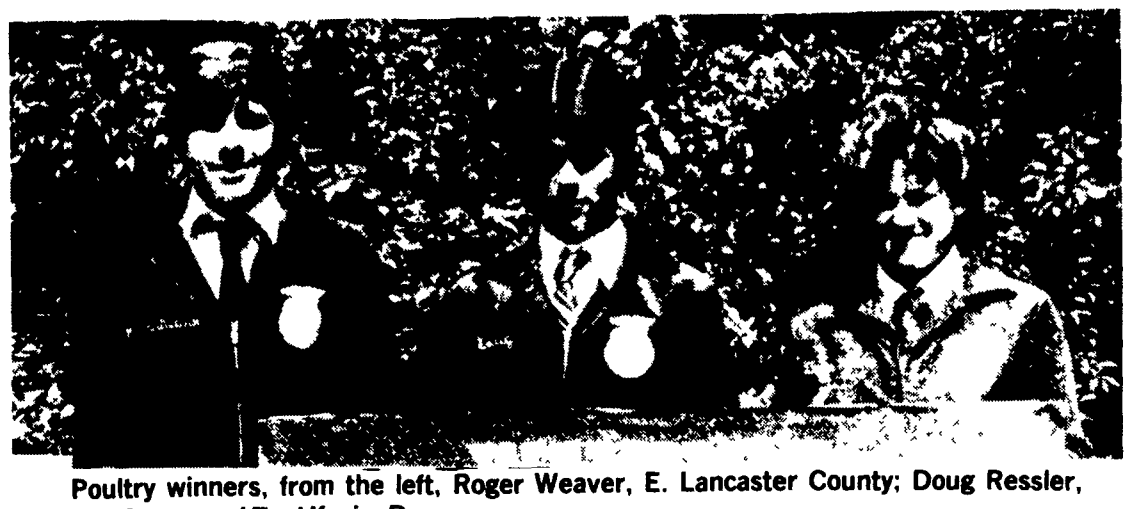
Tony Bevel Chris Horne both Elizabethtown Dean Yale Athens Mike Sweigart E Lancaster County Virgil Wilford Derry Tim Hays Fairfiled Dominisco Chero Robert Pegg both United Wayne Kauffman E Lancaster County

Dairy Judging

Karen Shertzer Lampeter Strasburg Robert Barley Penn Manor Bill Neal Canton John Burkholder Penn Manor Joe Delong Solanco Mike Kunkle Northern Lebanon Jim Zimmerman Ephrata Carol Dreisbach Hamburg David Mattocks Tunkhannock Gary Bicksler Tulpehocken Mark Weik Solanco Ross Hershberger Northern Lebanon Keith Fisher Northern Bedford Paul Moyer Liberty Naomi Herbert Kutztown

Livestock Judging

Nancy McCauley Octorara Wendy Flinchbaugh Red Lion Keith Harbold Northern York Kurt Katchmark West Greene Greg Woodring James Buchanan Bert Ianson Cowanesque Valley Sherri Ebright Mifflinburg Greg Strickler Hamburg Michelle Dean Lampeter Strasburg Rick Dunn McNiteau Brent Harner Line Mountain Dave Barry Gettysburg James Heit Bedford Scott Longsdon Knoch Holli Pheasant Williamsburg Bryan Whitman Solanco William Palmer Tulpehocken Greg Christman Chambersburg



Poultry winners, from the left, Roger Weaver, E. Lancaster County; Doug Ressler, Penn Manor; and Toni Kerin, Derry.

Top Solanco Dairy Cattle judging team includes, from the left, Joe Delong, Mark Weik and Kris Esbenshade.

Penn Manor second-place dairy judging team includes, from the left, Robert Barley, John Burkholder and Tracy Musser.

Meats judging winners, from the left, Rodney Nissly, Crystal Kreider and Trasee Aument, all Penn Manor.

Wildlife top winners, from the left, are Tony Bevel, Chris Horne, both of Elizabethtown, and Dean Yale, Athens.

Farm management winners, from the left, Jeff Martin, Nevin Horning and Thomas High, all Ephrata.

Ag mechanics winners, from left, Ken Shertzer, Penn Manor; Bruce Tuckey, Biglerville, and Tim Owens, Clearfield.

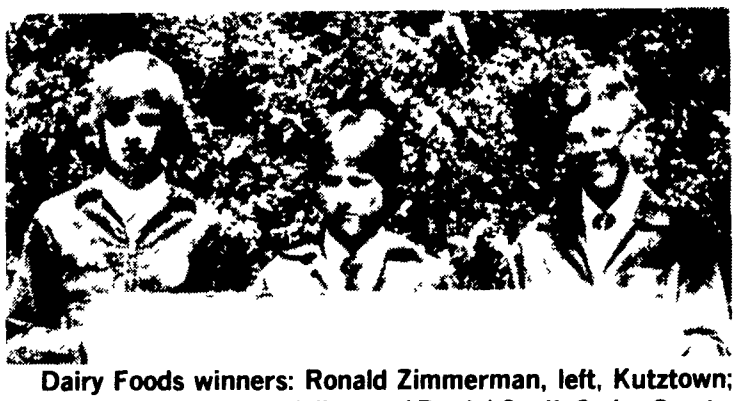
Most Golden of Gold' at Activities Week

National FFA President Ron Wineinger and retiring Pa. FFA president Carolyn Witmer.

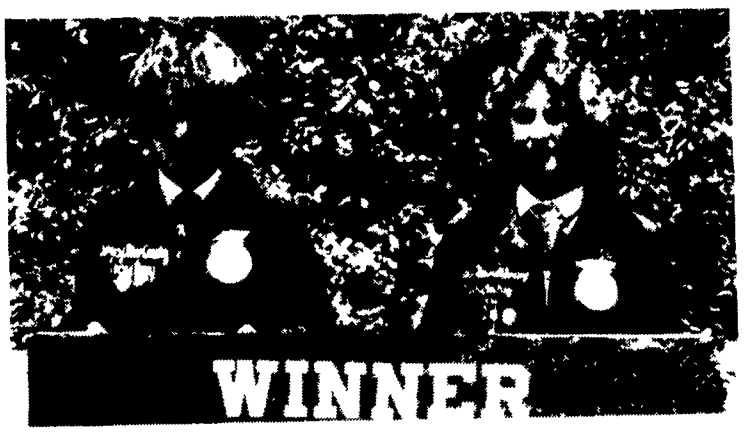
New Pennsylvania FFA Officer team includes, from front to back, Laurie Duran, president; Tim Pfautz, vice president; Jamie Frey, secretary; Tim Wetzel, treasurer; Heather Hernley, reporter, Todd Fies, chaplain; Bill Walker, sentinel; Brian Shively, N. Central vice president; Denise Ambler, Eastern Vice President; Kim Brownfield, Western Vice President; Christine Hopple, S. Central Vice President.

Winning Annville Cleona parliamentary procedure team with Charles Wismer, State Grange Master.

Lancaster County FFA softball champions.



Dairy Foods winners: Ronald Zimmerman, left, Kutztown; Mike Hershey, Pequea Valley; and Daniel Groff, Cedar Crest.



Leading livestock judges are Nancy McCauley, left, first, Octorara; and Wendy Flinchbaugh, Red Lion.

Gregg Musser, Public Speaking,

Sean Porter, Creed Speaking.

Tied for individual honors in small gas engines are C. Nelson Horning, left, Eastern Lancaster County; and Shane Clements, Kennard-Dale.

Ag salesmanship winners: Jeff Leydig, left; and William Boothe, Kennard-Dale.

Ag Preserve Board holds seminar for professionals

LANCASTER — About 75 professionals gathered at the Brunswick Motor Inn in Lancaster last Friday for an Agricultural Land Preservation Seminar.

Sponsored by the Lancaster County Agricultural Preserve Board and the Lancaster County Bar Association, the seminar was designed to acquaint professionals with the preservation board's work and to discuss the legal and financial aspects of farmland preservation in Lancaster County.

County Commissioner James Huber opened the morning session, noting that a recent citizen survey indicated that ag preservation is a number one priority in the county. Huber said that the preservation board has traveled "a long, hard road" since its inception in 1980.

Amos Funk, chairman of the preserve board, said that response to the deed restriction program has been good, with farmers voluntarily participating.

Preserve Board Director Alan R. Musselman, talked about the Preservation Deed Restriction Program. Under the program, he explained, farmers have four options to obtain deed restrictions on their farms. A farmer can agree to put a deed restriction on his land without receiving payment, or he can receive payment from the county for putting a restriction on the farm for a period of 25 years or more. Another option, Musselman said, is having the county purchase a farm, place a deed restriction on the land and then resell it. A farmer could also sign an agreement with the county giving the county first right to purchase his farm if it is going to be sold. That way, Musselman said, the county could buy the land, put a restriction on it and resell it.

"Our hope is that the next generation will not opt to terminate deed restrictions," Musselman said.

Later in the program James H. Thomas, Esquire, from Wenger, Byler and Thomas spoke on the legal perspectives of farmland preservation; CPA Marlin Benedict from Simon Lever and Company spoke on taxes and estate planning; Clifford Huffman, ARA, spoke on preservation land appraisal; and Edward Thompson Jr., Esquire, from the American Farmland Trust in Washington spoke on preservation case studies.

Participating in the Agricultural Land Preservation Seminar for professionals held last Friday were from left, James Thomas of Wenger, Byler and Thomas; Alan Musselman, director of the Lancaster County Ag Preserve Board; Edward Thompson, from the American Farmland Trust; Amos Funk, chairman of the Ag Preserve Board, County Commissioner James Huber; Clifford Huffman, ARA; and Marlin Benedict from Simon Lever and Company.

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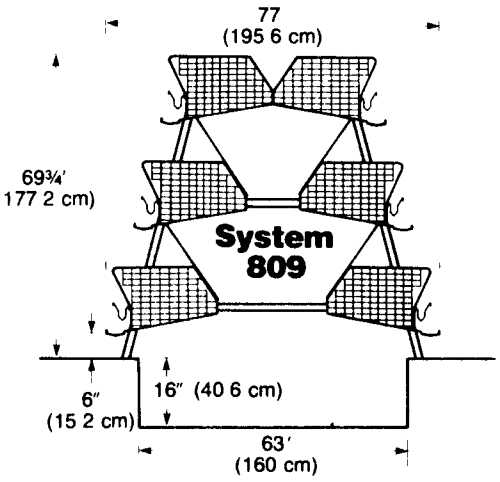

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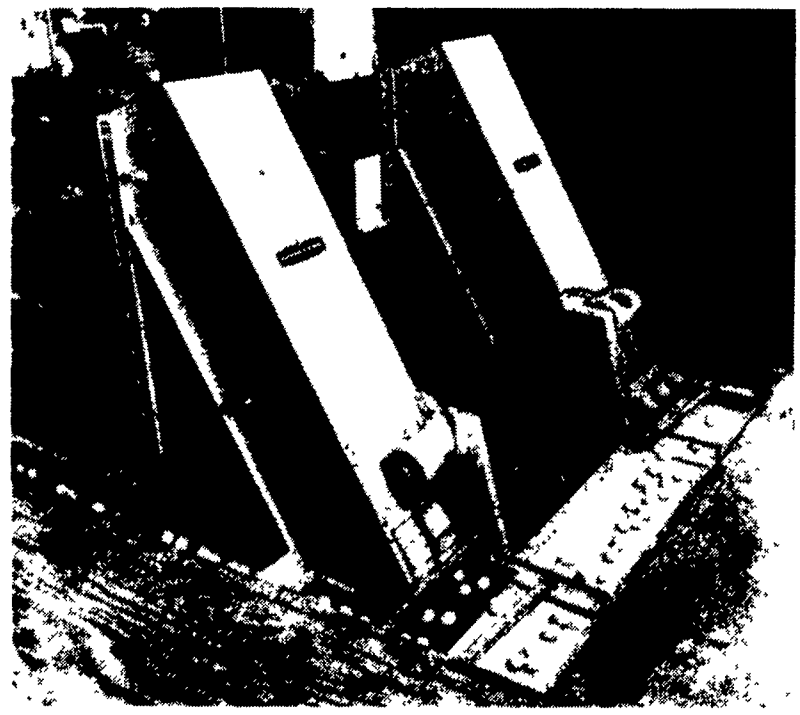

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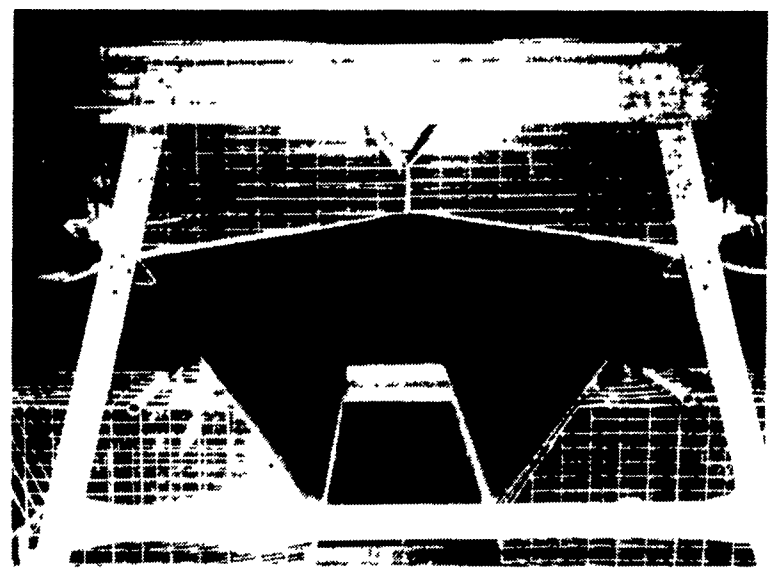

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Helm asks for papers on 1985 Farm Bill trade policy

WASHINGTON, D.C. — Senator Jesse Helms, Chairman of the Senate Committee on Agriculture, Nutrition and Forestry, said he has asked a wide range of farm organizations and farm policy specialists for policy papers on the role of agricultural exports in overall farm policy. The papers will be published as a Committee print, and is the second in a series of three.

Helms said response to the first print, entitled "Farm Policy Perspectives: Setting the Stage for 1985 Agricultural Legislation," was excellent. Letters soliciting papers were sent out in May, 1983, and the print was published in April. (Copies are available for $6.50 from the Superintendent of Documents, stock number 052-070-05924-9). The first print deals with U.S. farm structure and the impact of domestic farm programs in the agricultural economy.

Helms said he is asking for the second print because of the importance of exports to agricultural prosperity. He explained that domestic farm programs do not always work to enhance our vital export interests, rendering both our domestic and international programs less effective than they could be in improving farm income.

"Contemporary American agriculture and agricultural marketing has changed dramatically over the last 50 years," said Helms. "One major change has been a growing dependence upon international markets for farm profits. Yet Federal farm programs are based on concepts developed in the 1930's for a very different kind of agriculture."

Chairman Helms indicated that the third print in the series would deal with the impact of technology in agriculture on farm policy.

Helms said the purpose of these committee prints is to form the foundation of initiatives that will be written into next year's farm bill.

"I hope this information will form the basis of a comprehensive, forward-looking review of farm policy," Helms said. "Current programs are a patchwork of complicated, sometimes mutually conflicting legislative quick-fixes. Farm policy should be more than simply the sum of next year's government program for one commodity plus another and another. We should develop coherent, comprehensive long-term policy, and the 1985 farm bill provides that opportunity."

Helms said farmers, agribusinesses, those with expertise in international finance and trade, the academic community, farm groups and public interest groups have been asked for papers on the following topics:

Export Prospects–What are the realistic prospects for market growth in the years ahead? What share of the world market can the U.S. reasonably hope for, both in raw products and value-added products?

Domestic policies–How can domestic programs be tailored to encourage U.S. exports? Are limited government funds best spent on export promotion or domestic payments?

Competitiveness–How competitive is the U.S. in the production of food and fiber? How can we become more competitive? What policies are appropriate in areas where we are not price competitive?

Export credit–In light of the world debt problems, what should be the role of government credit programs?

Strong dollar and other impediments to U.S. trade–How do currency exchange rates affect U.S. trade? If the relative weakness in foreign currencies continues, how can U.S. exports best remain competitive?

Unfair trade practices–What impact do export subsidies and nontariff trade barriers of other countries have on U.S. agricultural exports? At what point should countermeasures be used?

Export controls–In light of the 1980 grain embargo and the resulting contract sanctity legislation, what must be done to ensure the U.S. will remain a reliable supplier?

GATT negotiations–Should the U.S. enter into another round of negotiations under the General Agreement on Tariffs and Trade? If so, what should be our objectives?

Export legislation–Should the 1985 farm bill contain a separate export title? What is the government's role in expanding exports?

Food aid assistance and markets in developing countries–Are U.S. food air assistance programs, such as P.L. 480, working effectively to help third world nations build real economic growth and develop markets for U.S. products? How can assistance programs be used to build future markets?

Helms said that the print should be available by early fall. The third print on agricultural technology and innovation is expected later in the year.

Farmers to receive $12.26 for May milk

NEW YORK, N.Y. — Dairy farmers who supplied milk plants regulated under the New York-New Jersey marketing orders during May 1984 will be paid on the basis of a uniform price of $12.26 per hundredweight (26.4 cents per quart).

Market Administrator Thomas A. Wilson also stated that the price was $12.36 in April 1984 and $12.64 in May 1983. The uniform price is a marketwide weighted average of the value of farm milk used for fluid and manufactured dairy products.

The seasonal incentive fund removed $.40 per hundredweight from the dairy farmers' uniform price for May, a total of $4,191,112.14. Deductions will continue through June and will be returned in the August through November uniform price calculations.

A total of 16,912 dairy farmers supplied the New York-New Jersey Milk Marketing Area with 1,047,778,034 pounds of milk during May 1984. This was a decrease of 2.5 percent (about 27 million pounds) from last year. The gross value to dairy farmers for milk deliveries was $131,456,368.16. This included differentials required to be paid to dairy farmers but not voluntary premiums or deductions authorized by the farmer.

Regulated milk dealers (handlers) used 383,636,370 pounds of milk for Class I, 36.6 percent of the total. This milk is used for fluid milk products such as homogenized, flavored, low test and skim milks. For May 1984, handlers paid $14.33 per hundredweight (30.8 cents per quart) for Class I milk compared with $14.78 a year ago.

The balance (664,141,664 pounds of 63.4 percent) was used to manufacture Class II products including butter, cheese, ice cream and yogurt. Handlers paid $11.96 per hundredweight for this milk.

The uniform price is based on milk containing 3.5 percent butterfat. For May 1984, there was a price differential of 16.4 cents for each one-tenth of one percent that the milk tested above or below the 3.5 percent standard.

All prices quoted are for bulk tank milk received within the 201-210 mile zone from New York City.

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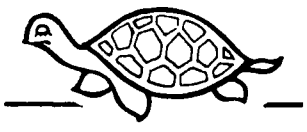

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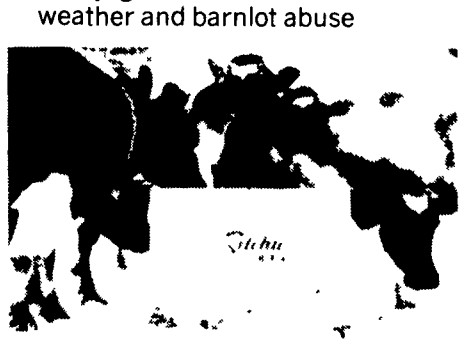

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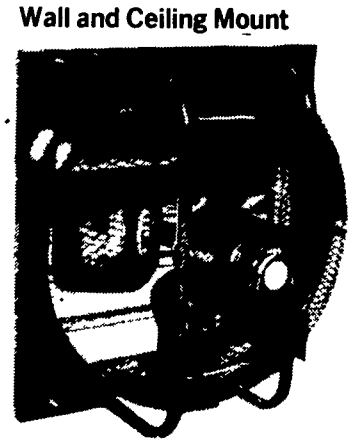

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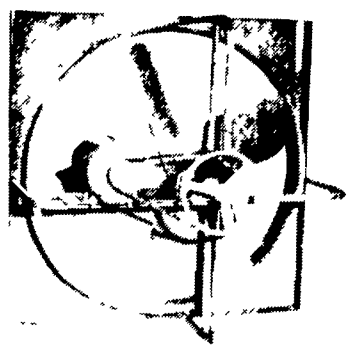

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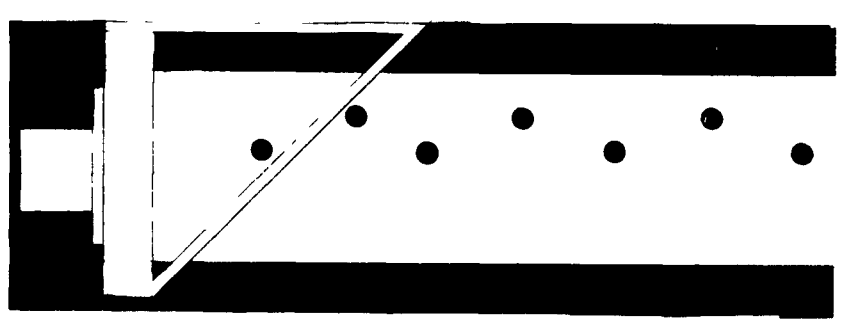

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Fresh Delaware produce available

NEWARK, Del. — When it comes to quality local fruits and vegetables, Delaware shoppers have lots to enjoy now and in the months ahead. The growing season is well under way.

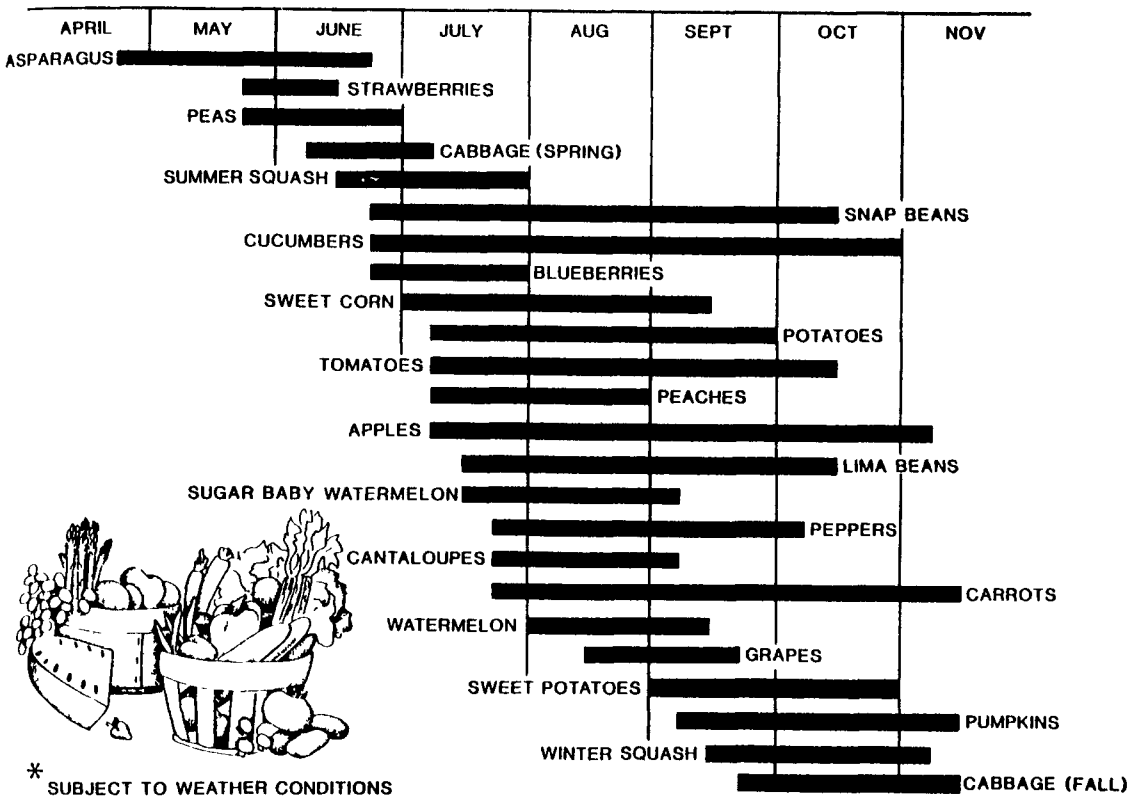
According to University of Delaware extension marketing specialist Carl German, Delaware farmers raise about 45,000 acres of fruits and vegetables each year. About 10,000 of those acres are grown specifically for the fresh market.

Some of this locally grown produce is available direct from the grower via pick-your-own operations, roadside stands, farmers' markets and/or warehouse sales. Many other markets buy much of their stock from a supporting network of area farmers, so chances are good that seasonal items were produced locally. (Check the accompanying chart to learn approximately when specific crops will be harvested in Delaware.)

In 1982, German says, the total cash farm value of fruits and vegetables grown in the state amounted to over $25 million. Of that, about 40 percent came from crops destined for the fresh market. The rest came from processed and institutional sales.

With a harvest period that extends from mid-April to mid-November, area consumers should have no trouble finding plenty of fresh, local produce. To make shopping even easier, the Delaware Department of Agriculture has prepared a directory of roadside and pick-your-own markets in the state. Copies of the 1984 directory are available from the Department of Agriculture or from county extension offices in Newark, Dover and Georgetown.

Harvest & Marketing Seasons for Fresh Fruits & Vegetables Grown in Delaware.*



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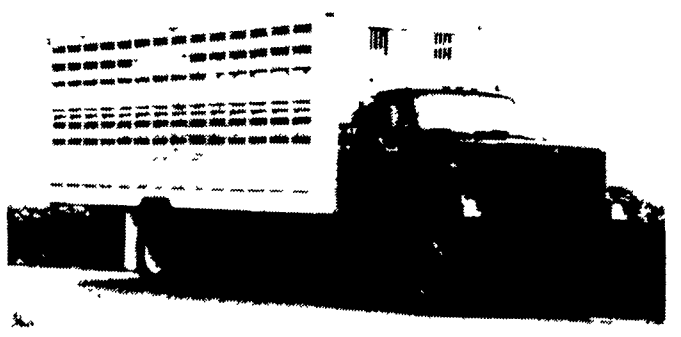

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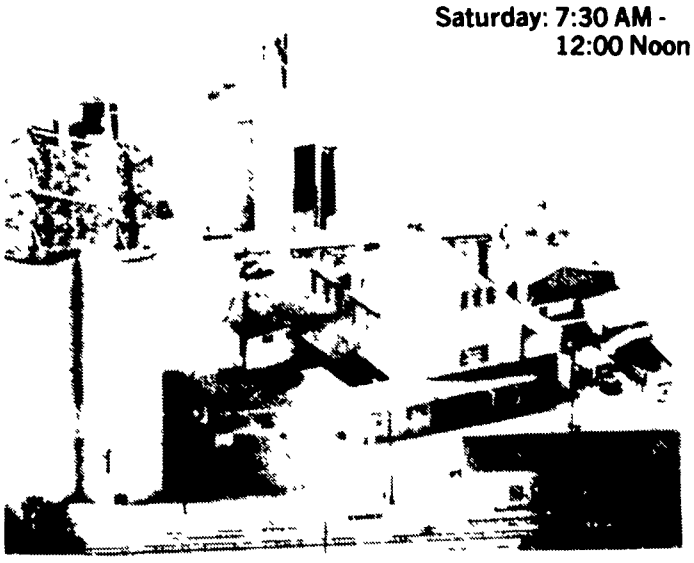

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(Continued from Page A1)

American, Sire Power and herd dispersals. A reasonable price, according to Dennis, was paid for each animal.

"We were fairly conservative in our purchases," he said. "We never spent any high prices for cattle."

The average price on the Nichlos herd was $800 per head, Dennis said. A second herd of about 50 Holsteins was purchased from George Stock, Cumberland County, for an average of $900 per head.

When building the Holstein herd, Dennis said he was fortunate to get cattle bred to outstanding sires, namely, Kingpin and Elevation. Another advantage he cited was that Elevation was available through Sire Power at that time and at a reasonable price.

"We used him extensively," Dennis said. "I'd say that 80 percent of the matings were to Elevation."

Other studs that contribute heavily to the Wolff's merchandising enterprise are Chairman, Glendale, Bova and Valiant. Valiant, Dennis said, would run a close second to Elevation, "as far as I'm concerned."

In addition to breeding animals to top sires, other factors play in the Wolff's merchandising philosophy. An important factor, is selecting the right time to sell the animal.

"There's a certain time in every cow's life when it's the right time to sell her," Dennis explained, "if that's what you're going to do."

The time to sell a cow, Dennis said, comes when the following criteria are met: "If your herd's ready to start merchandizing cattle off the top end of your herd, and once your herd's reached that point where you feel comfortable that you can sell a few good cows and still maintain a top quality herd, then you've made a decision that you can start selling."

Another point to keep in mind is when and where to sell the animals.

"When a milking cow is young, that is the best time to capitalize on her," Dennis said. "She's been classified and she's established a cow index."

Also important is to merchandise quality cattle. A quality Holstein, Dennis described, is an animal "that has the quality to win a top consignment sale and sell in the top percentage of that sale."

Embryo Transfer

To cover their merchandising program, the Wolff's rely heavily on their embryo transfer (ET) program. Cows are flushed - eggs removed - at least once a week and usually twice a week.

"It's the number one priority," Dennis said of their ET work. "It's the number one money maker."

Because of the ET program, Dennis said they are able to merchandize a larger number of cattle, as well as a large number of frozen embryos. It's all part of the merchandising program, he added.

About 99 percent of the embryos are sold overseas, normally through a marketing company, Dennis said. In the past few years, about 800 embryos - fresh and frozen - have been sold.

"We've been fortunate enough in the last few years to be able to merchandise frozen embryos to cover our embryo transfer program," Dennis said.

The amount of embryo transfer work is the reason behind Pen-Col housing 500 animals. Around 90 cows are milked and a herd of between 35 and 40 animals is maintained, many of which are donor cows for the ET program. The herd average is 17,000 pounds of milk with a 3.9 percent butterfat test.

Dennis cited that his goal for the combined embryo transfer-merchadising program is to make money and have financial success.

"I guess that would be the only reason you'd be crazy enough to do as much embryo transfer work as we do," he laughed.

Future Outlook

Despite the tough times dairymen are facing now, Dennis is optimistic about the future of his merchandising operation.

"The future of merchandising looks good, both domestically and internationally," he said.

Dennis said the reasons for his optimism relate to the continuing advances in embryo transfer technology.

The embryo transfer techniques, Dennis said, are continually improving. The pregnancy rates are continually increasing. Embryos are being frozen successfully now and are being split successfully. They also, Dennis continued, will in the near future be sexed successfully.

"As these factors become perfected," he said, "the elite cows will become continually worth more money."

Although the future outlook looks good, the current dairy situation has had an impact on the Wolff's mercandising income. Cattle prices are down.

"Three years ago, a young cow or bred heifer that would bring $2,400, you could probably buy today for $1,200 or $1,300," he said.

This lower price has affected the Wolff's selling decisions. Dennis said that more cows are put back into the herd and the culling line for removal percentage has been raised.

"There's no question that we sent cattle to the auction last year that three years ago we wouldn't have," Dennis said.

The dairy situation, Dennis continued, has had no effect on the upper end - the elite cattle - of their merchandising program. It has, however, created a loss for a middle to the market.

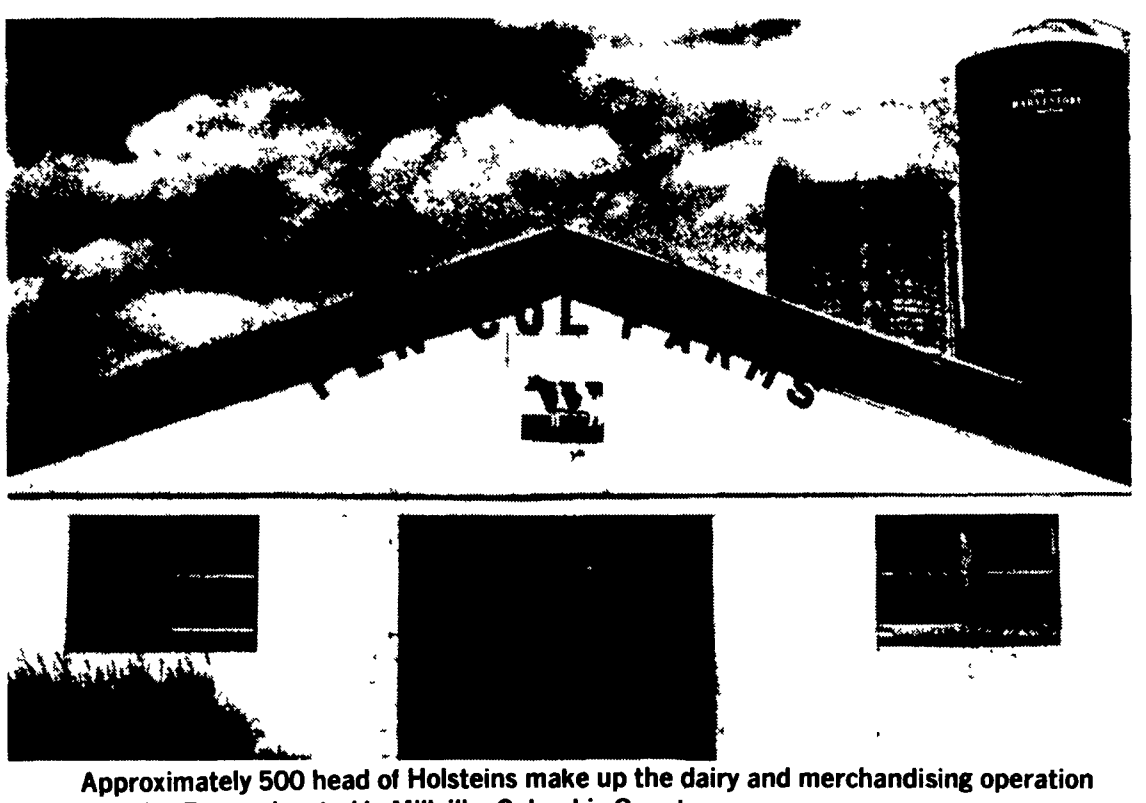
"There seems to be no middle to the market," Dennis explained. "At one time we could merchandise average quality cows, maybe a 2-year-old milking 14,000 pounds. That market has completely stopped."

"People are either going to buy a good cow or not buy at all," he continued.

Leaning towards optimism, Dennis said he doesn't think the dairy situation will get any tougher than it is now.

"Dairy is no different than any other phase of agriculture," he said. "It runs cycles. Dairying runs a little bit longer cycle."

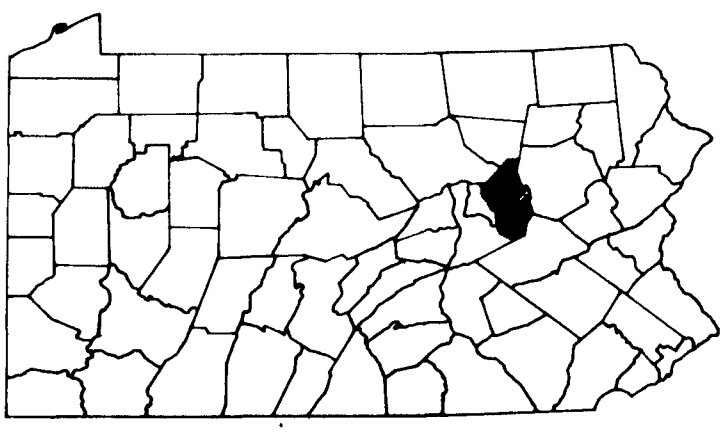
In another year or two, Dennis is hopeful that the dairy situation will run its cycle and offer a more positive outlook for the industry.

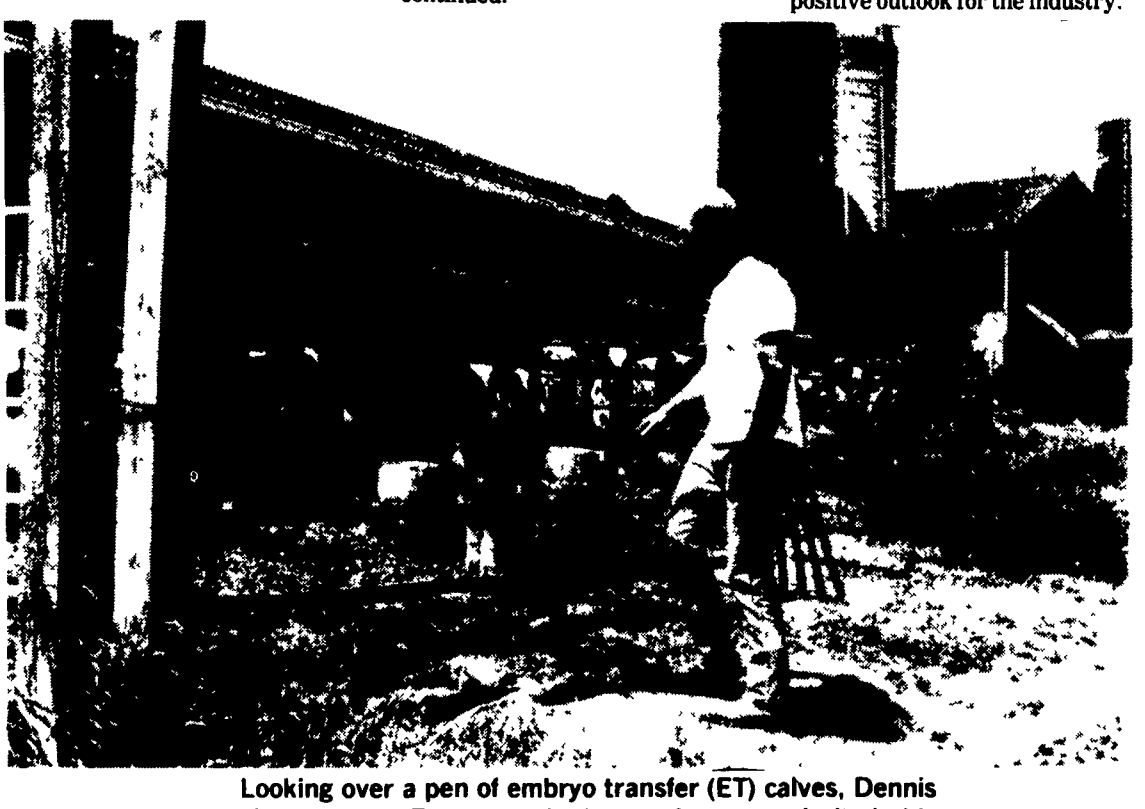


Approximately 500 head of Holsteins make up the dairy and merchandising operation of Pen-Col Farms, located in Millville, Columbia County.

Howard Williams, calf manager at Pen-Col Farms, is in charge of the entire calf program which includes a large percentage of embryo transfer animals.

A certain time exists in every cow's life when it's the right time to sell her, says Dennis Wolff.





Looking over a pen of embryo transfer (ET) calves, Dennis Wolff says the ET program is the number one priority in his merchandizing operation.

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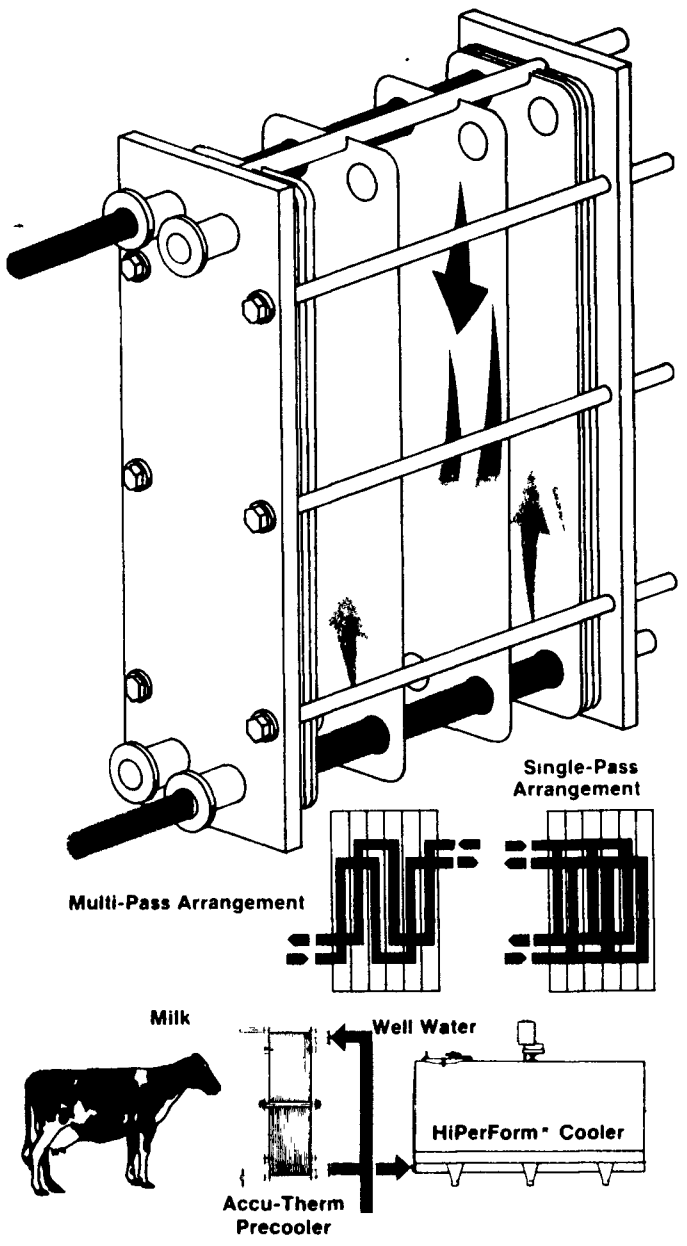

FOUR REASONS WHY YOU SHOULD HAVE A MUELLER ACCU-THERM PRECOOLER ON YOUR FARM!

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Milk from the cow is about 100 degrees F. Precooling milk by 20 degrees shortens the time the milk cooler refrigeration system must operate by one-third. Precooling warm milk by 30 degrees will cut your milk refrigeration system operation in half. A Mueller Accu-Therm lowers your energy costs and reduces your operation expenses.

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The Accu-Therm is available in wall-mounted or floor models to fit any milking operation or space restriction. As your dairy operation grows, Accu-Therm can be easily adapted to increased volume by adding heat exchanger plates. This is a simple job requiring only a hand wrench and a few minutes and does not require moving the Accu-Therm.

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The Accu-Therm Plate Heat Exchanger is a closed system and can be quickly and efficiently cleaned-in-place with the rest of the milking system.

4 Pays For Itself

The money you save in reduced energy costs will soon repay your investment in a Mueller Accu-Therm milk precooler. For example, with 60 degree F. well water for cooling, milk temperature is lowered by 20 degrees and energy requirements are reduced one-third. The typical 5 HP milk cooler condensing unit uses approximately 5 kilowatts per hour of elecricity.

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Progressive thinking

(Continued from Page A20)

continue his policy to establish his sons, but yet a way to recoup some of his capitol.

"It was a golden opportunity," he says of this sale idea. "The state Jersey club needed funds for its upcoming hosting of the 1985 National Jersey convention and I needed to get back some of my loss from Schepps."

"I have surplus cattle," he adds and has given the state club rights to a commission for managing the sale.

After the sale July 14, Watson looks forward to January when his last two sons will take over on their own. "In January I'll be a free man," he says with a big smile.

He looks forward to no longer having to milk twice a day, but adds, "I'm hoping my boys will still need my advice."

But Watson is also a progressive thinker and says, "I hope they don't do just as I did, you should go with the times, as long as it's practical."

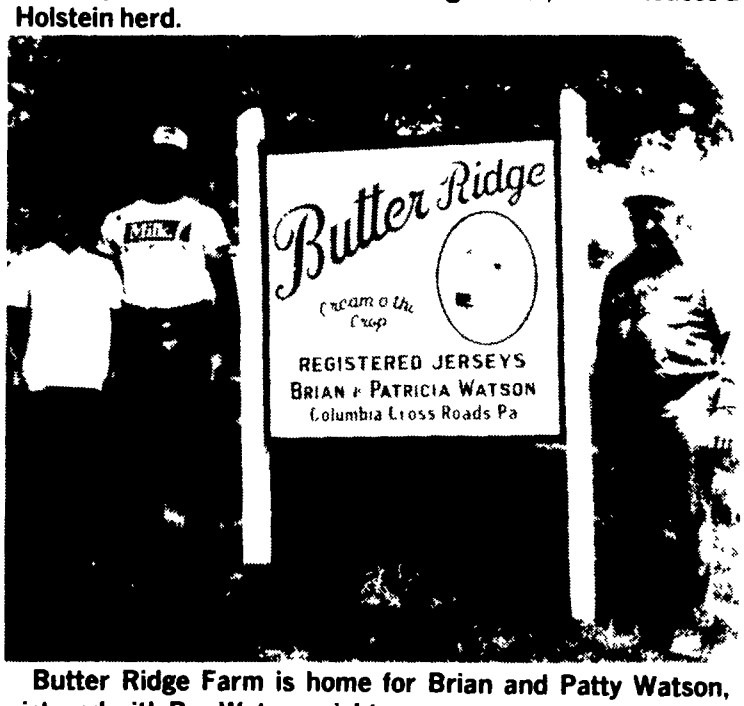
While many people might think that Roy Watson is a rich man in terms of dollars and cents, Roy states, "I don't have any money, it's all invested."

He flourishes his arms over his sons and their land. Like most farmers, Watson's riches lay with his land, his sons and the friendship and trust of his neighbors and acquaintances.

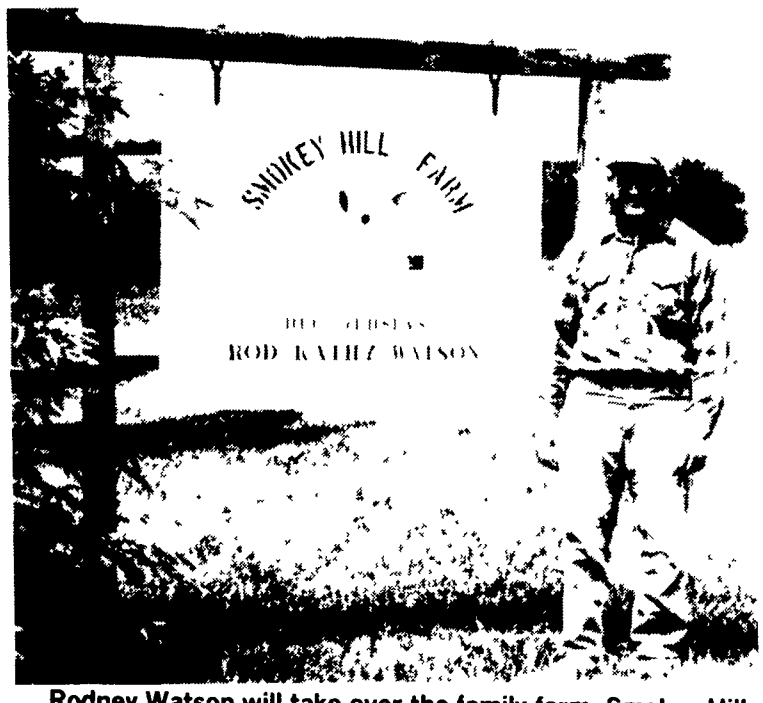
At times when he is discussing the upcoming sale it is with sad tones that he speaks of ending a part of his life. But he speaks with great admiration of his own father, Ivan, who is still farming at 79 years of age. "I just hope that my boys will look back like that on me," he says.

Watson does not need to worry. When speaking to his boys, they make it clear that their biggest asset has been their father, and their farms thrive on Watson philosophy.

Randy Watson is owner of Blue Angel Flats, which houses a Holstein herd.

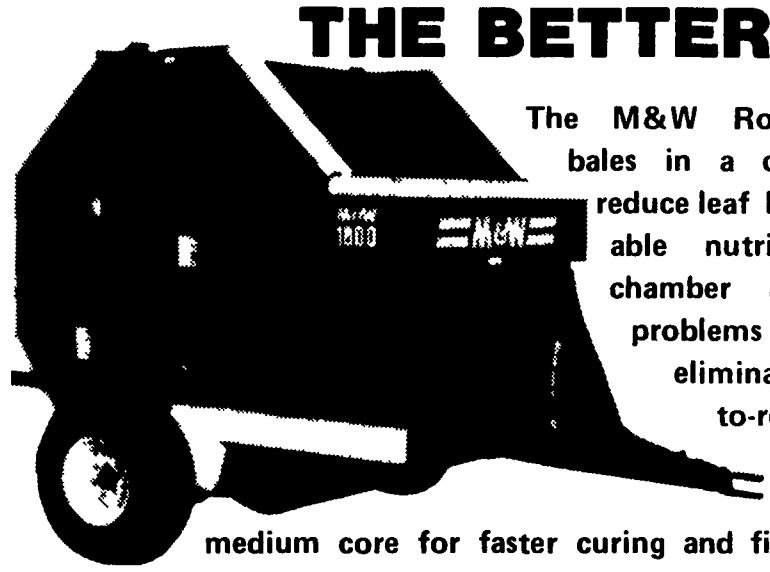


Butter Ridge Farm is home for Brian and Patty Watson, pictured with Roy Watson, right.



Rodney Watson will take over the family farm, Smokey Hill Jerseys.

THE BETTER BALER



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Debra Stuff crowned Franklin County Dairy Princess

1984 Franklin County Dairy Princess Debra Stuff, center, with First Alternate Debra Myers, right, and Second Alternate Tina Martin, left, discuss dairy promotion plans for the coming year.

CHAMBERSBURG — Debra Stuff, the 17-year-old daughter of Mr. and Mrs. Carl Stuff, Mercersburg, was recently named 1984 Franklin County Dairy Princess. She was also selected Miss Congeniality.

First runner-up in the competition was Debra Myers and second runner-up was Tina Martin.

The new princess will be a senior at James Buchanan High School, where she is a member of the National Honor Society, the AFS Club, and the track team. At home, Debra helps her parents milk their 50 registered Holsteins.

First Alternate Debra Myers, the daughter of Mr. and Mrs. Kenneth Myers, St. Thomas, is a recent graduate of James Buchanan High School, where she was a member of the National Honor Society. She received a math scholarship and plans to attend Shippensburg University to major in math. At home, Debra helps her parents on the farm with their 50 Holsteins.

Second Alternate Tina Martin, is the daughter of Mr. and Mrs. Luster Martin, Chambersburg. Tina attends Shalom Acadamy, a private school in Marion, where she will be a senior this fall. She is active in the local 4-H dairy club and has won a number of awards with her Jerseys. Her parents milk about 100 Jersey and Holstein cows.

Other contestants competing for the crown were Susan Swailes, Debra Piper, and Judy Gettel.

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Progress report:

Calf certification to begin 4th week

BY JACK HUBLEY

LANCASTER — At the end of its third week, the veal calf certification program is receiving nearly unanimous veal industry support,from the farmer to the packer, says USDA assistant deputy director Dr. M.A. Waguespack.

Instituted by the USDA's Food Safety Inspection Service on June 4, the calf certification program is an effort to eliminate the use of sulfa drugs in bob veal calves.

Commonly used to treat pneumonia and scours, sulfonamide withdrawal times are generally too lengthy for use in bob veal calves which are slaughtered during the first few weeks of life.

Known throughout the packing industry as "green gut" animals, veal calves with sulfa residues are easily recognized when butchered by the green discoloration of the stomach.

According to Penn State extension veterinarian Dr. Larry Hutchinson, the undesirable side effects of consuming sulfa-treated veal can include allergic reactions in hypersensitive individuals, and a build-up of resistance to antibiotics which may decrease their effectiveness when used in the treatment of disease.

A survey this week of a number of Pennsylvania livestock auctions and packers tends to support Waguespack's assessment of the program's success. In fact, the most common complaint registered by processors and auctions concerns the program's voluntary status.

"I think the program is a good thing,"says Chester Reed of C.M. Reed Sons, a meatpacking firm based in Intercourse, "but it ought to be a law or be eliminated altogether. Packers have to cooperate and buy only certified calves because the testing (of uncertified animals) takes the best part of 24 hours. That ties up our coolers too long."

Reed maintains that those markets refusing to participate in certification penalize packers by effectively eliminating themselves as a source of calves.

Saul Kaplan, president of I. Kaplan Inc. of Olyphant, agrees. One of the country's largest processors of veal, Kaplan believes that the answer to drug residue control lies in complete cooperation between farmers, auctions and packers.

"We're not buying any uncertified calves," Kaplan stresses, "and we'd like to see full cooperation from the auctions."

Mike Petruzzi, a Kaplan buyer also feels that the program's voluntary basis is a mistake, and that auctions refusing to participate are not being fair to the farmers.

"I've seen whole pens of 25 (uncertified) graded calves go for 25 cents (per pound). Nobody buying uncertified calves is going to be willing to pay market value," Petruzzi says.

Scott Yokum, manager of Penns Valley Livestock in Centre Hall, is also well aware of the price difference spawned by the certification program.

"I tell farmers they'll get twice as much for their calves by certifying them," Yokum says, "and so far no one's refused."

Like many others, Yokum would like to see the USDA either "on the boat, or off" with regard to certification. He also expressed his concern that the "boat" is not leakproof. Yokum noted that on some larger farming operations, drug-treated calves may occasionally be accidentally certified. He also stated that farmers sometimes find it difficult to be available to sign certification papers when livestock haulers arrive for pickup.

Since the program began, Penns Valley has been separating uncertified calves and marking them with a plain, manilla ear tag. Though the auction's commission rate has not been raised because of the extra paperwork and handling, Yokum says that it may be necessary to do so in the future.

After deciding to identify all certified calves with a permanent plastic ear tag, New Holland Sales Stables began passing the cost onto the sellers through a 50-cent fee. Abe Diffenbach, co-owner of the auction stresses that the fee barely covers the cost of the tag itself.

Diffenbach acknowledges that the program is working better than he thought that it would, and he voices his support.

"We don't want anybody eating meat from 'green-gut' calves," Diffenbach asserts. "It's for the protection of the consumer,and it helps to keep the buyers in business. I haven't heard any complaints from my packers," he adds.

Walt Keister reports that about 90 percent of the calves coming to his auction in Middleburg are certified. Despite the added expense associated with separating animals and processing the paperwork, he feels that the program is going smoothly at Keisters.

"A farmer with calves to sell would be foolish not to certify them," Keister says.

At Lancaster Stockyards, Ken Smoker reports that buyers and sellers have been responsive to the program.

"During the first week, we sold some uncertified calves,"Smoker says, "but since then all of our bob veal calves have been certified."

Smoker finds farmers to be very cooperative, and states that auctions refusing to certify have been inadvertently driving some of their buyers to Lancaster Stockyards.

Smoker foresees certification to be a trend that will gradually spill over to all forms of livestock going for slaughter in future years.

But Dr. Waguespack emphasizes that his agency's certification program was only designed as an "emergency interim rule", to be phased out when the problem is determined to be under control.

Waguespack stressed that auctions not participating in the program are penalizing themselves and farmers by limiting the buying clientele to non-packers.

"A large percentage of non-certified calves going to slaughter are being condemned," he said,"so the only buyers who can profit by purchasing uncertified calves are those raising fancy veal, (slaughtering at 14 to 16 weeks allows ample time for drug withdrawal) or looking for replacement heifers, or raising their calves as feeder steers.

"Our objective is to reduce the incidence of violative drug levels in the calf population," Waguespack summed up. "We're currently monitoring samples on a monthly basis, and when the desired level is reached we would like to phase out the program. I foresee the certification continuing for one or two more calving seasons," he predicted.

$500,000 made available for floral crop research

WASHINGTON — Federal researchers and the national florist industry will share costs and cooperate in a special effort to improve and develop new floral crops and help boost U.S. exports.

Announcement of the new government-private sector research effort came today from Terry B. Kinney, Jr., administrator of the U.S. Department of Agriculture's Agricultural Research Service, and Vincent P. Adamo, president of the SAF (Society of American Florists) Center for Commercial Horticulture.

They said the floral industry will provide $250,000 and USDA will match that amount in grants to support the research over the next five years.

Kinney said scientists will do the initial research at the USDA agency's Florist and Nursery Crops Laboratory at Beltsville, Md. The scientists will work on fresh flowers and flowering and foliage plants, including species not now found in this country.

"Florists comprise an industry of mostly small firms without researchers and research facilities," said Kinney. "They face increasing foreign competition."

About 30,000 of the country's growers, wholesalers and retailers and affiliate organizations are represented by the floral industry's national trade association. In 1982, the industry grossed $6 billion.

Kinney said the partnership could lead to further cooperation for the systematic introduction of new floral crops in the United States.

Howard J. Brooks, the agency's national program leader for horticultural crops, said the Beltsville laboratory will first conduct research on evaluating the growth and flowering of a diverse range of plants.

Beltsville researchers also will assess domestic and foreign varieties for their insect and pest resistance and their adaptation to tissue culture and micropropagation for quicker and greater production of plants.

Next, USDA researchers and florists will evaluate potential new crops in their regions and report results to Beltsville, Brooks said.

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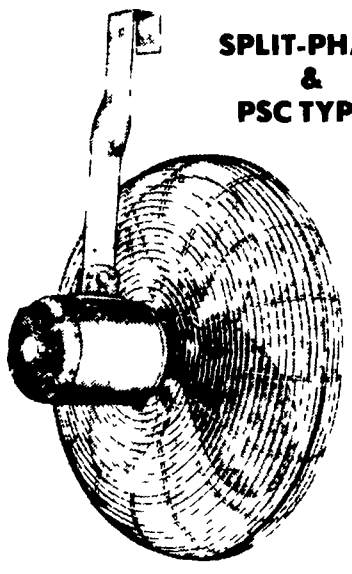
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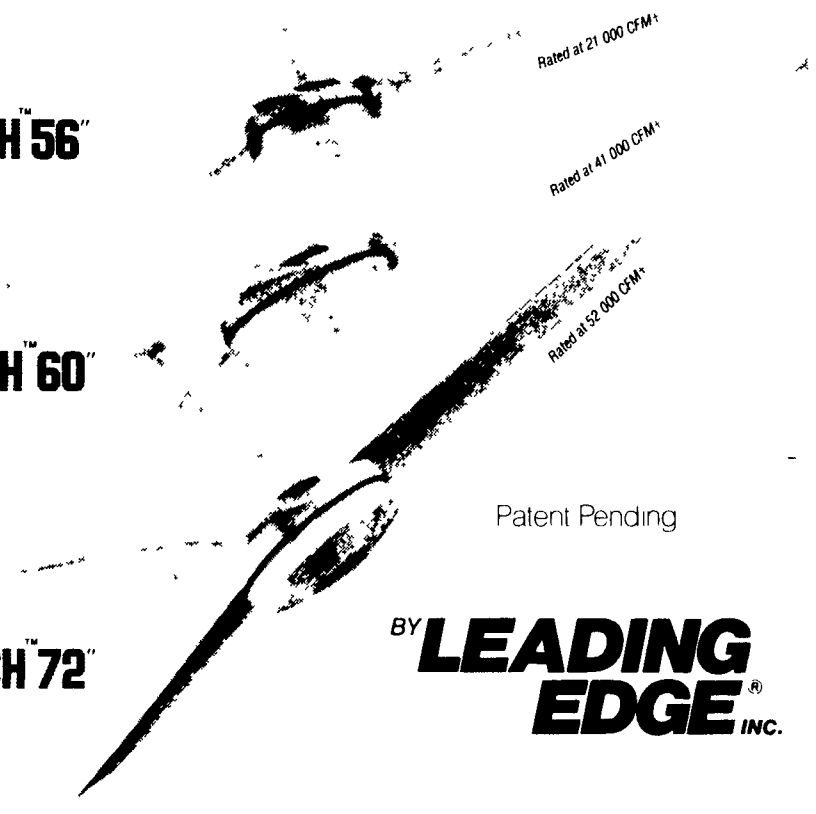

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Little Pond Jerseys

(Continued from Page A21)

Calvin started helping his father when he was 7-years-old by feeding and helping with the calves. Never belonging to 4-H, the young dairyman credits his father for teaching him his honor-winning dairying practices.

Calvin tries to get his cows bred back by 75 days but admits that it is harder when the animal is milking heavily. He is currently breeding to Ogston Yankees Magician, Wilderness Valient, Empire State, Top Brass, Boss Man and Magic of Ogston.

"I hate to use a bull that's way minus on type," he adds. Although he watches type, Calvin says he breeds for production with a functional type.

The cows are milked in a stanchion barn with four Surge minicups in a pipeline system. Calvin does all the milking except for the rare times he goes away. The cows are housed in the barn continually and only go out for a short excercise period in the mornings.

At this time Calvin checks for heats but says, "I can usually tell who is in heat before I let them out."

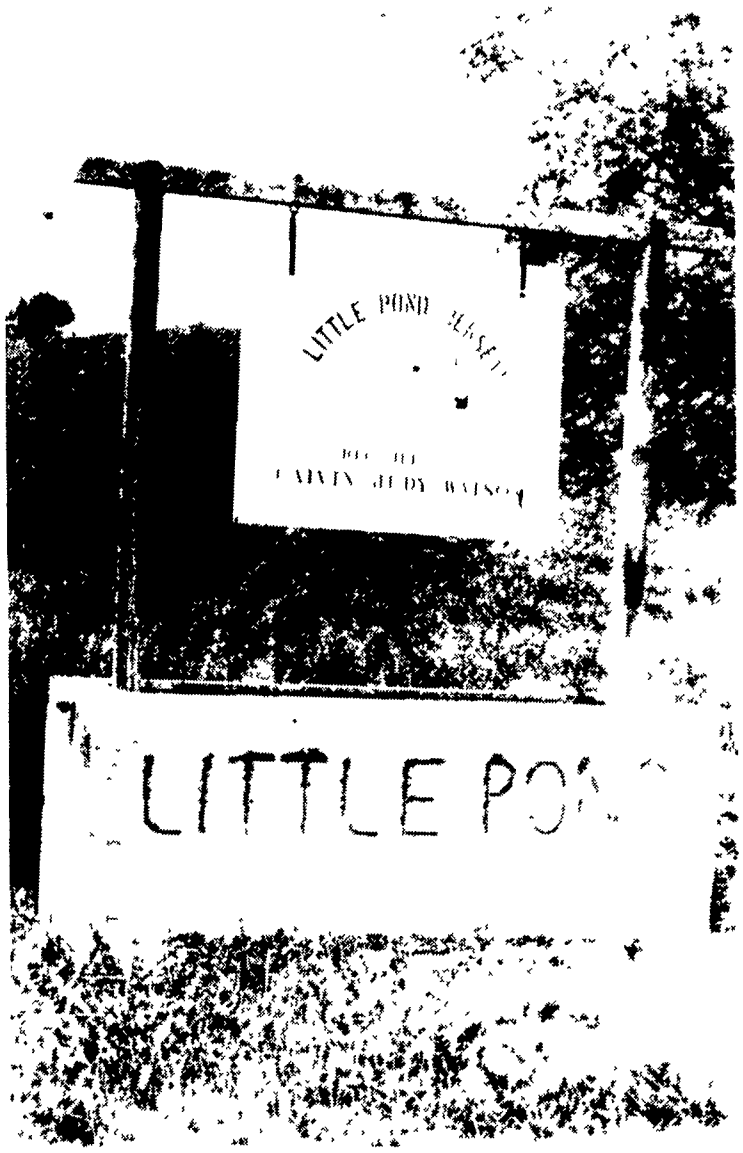
"We always got more production by not pasturing," the elder Watson states. "You can hold your production much better."

"Ours are more milk cows than they are show cows," Calvin says about his herd. However, the family is looking forward to showing this year. Calvin's wife, Judy, and oldest son, Marty, are his helpers in the barn and would like to attend some area fairs this summer.

Following his fathers lead, Calvin has given his son, Marty, a heifer calf from his first cow, Honey Babe. The calf, Honey Bee, and Marty want to try their hand at a blue ribbon. Calvin's two younger sons, a pair of 2-year-old twins, Mark and Matthew, toddle around the barn content to wait for their turn with the animals.

"If it isn't worth doing good, don't do it at all," Roy tells son Calvin. It is this type of philosophy that this young diaryman was raised on. When asked what's in the future since he has already proved what he could do with a young Jersey herd, Calvin remarks that dairying and family run together for the Watsons.

"I got three sons. I'd like to be able to do what he (Roy) did for us," Calvin says. If his sons should choose to go into dairying as he did, as his father did, and as his grandfather is still doing, he wants to be able to help them. With the family way of dairying that the Watsons have made so successful, Watson farms will garner laurels for many generations to come.



Little Pond Jerseys is home of the Calvin Watson family.

Calvin Watson, left, credits his father, Roy Watson, with much of his success as a Jersey breeder.

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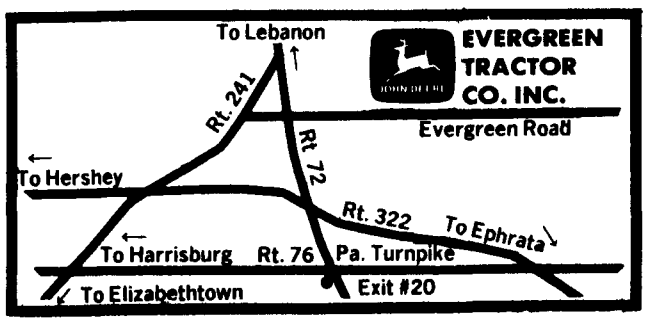

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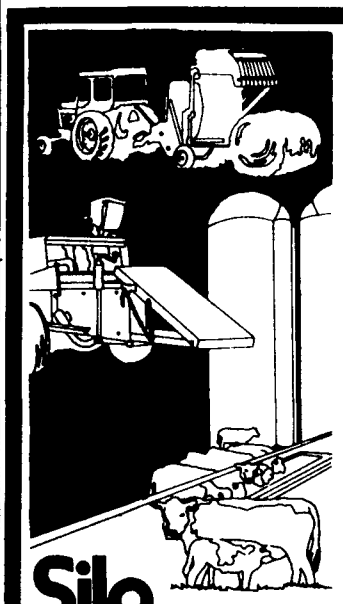

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Dairy cooperatives select 1984 'Young Cooperators'

BY LAURA ENGLAND

HAGERSTOWN, Md. — Approximately 40 young dairy couples from Maryland, Pennsylvania, Virginia and West Virginia competed Wednesday and Thursday to earn the right to represent their milk cooperatives as 1984 Young Cooperators.

Participating in the annual Pennmarva Young Cooperator Program, held at the Ramada Convention Center, Hagerstown, dairy couples representing Dairyman Inc., Inter-State Milk Producers and Maryland and Virginia Milk Producers competed for the Young Cooperator (YC) titles. During the two-day competition, the contestants attended cooperatvie meetings and participated in individual interviews.

Selected to represent their individual cooperatives as YC's were Bob and Ruthie Gruber, Keameysville, W.Va., Dairyman Inc.; Gordon and Carole Hoover, Gap, Pa., Inter-State Milk Producers; and James and Bonnie Weddle, Hagerstown, Maryland and Virginia Milk Producers. John and Kathy Renn, Frederick, who are completing their second term as Young Cooperators for Capitol Milk Producers, were also recognized at the awards luncheon Thursday.

Others placing in their respective contests were: Dairyman Inc. - Skip and Susan Roach, New Windsor, and Martin Heaps, Fawn Grove, Pa.; Inter-State Milk Producers - Earl and Kim Mills, Sharpsburg, Kathy Strock, Mechanicsburg, Pa., Mike and Janet Mowrer, Spring City, Pa., and Ed and Debbie Zug, Peach Bottom, Pa.; Maryland and Virginia Milk Producers - William and Jeanette Hunsberger, Davidsville, Pa., and Steven and Carolyn Linton, Martinsburg, W.Va.

Although each cooperative coordinates its own program, the Young Cooperator program is designed to recognize and develop leadership among cooperative members, usually under age 35. Prior to the YC contest, the contestants meet with their cooperatives and receive a briefing on the purpose and importance of cooperatives.

Throughout the upcoming year, the Young Cooperator winners will attend state and national meetings. Among these are the National Milk Producers Federation meeting, the American Institute of Cooperatives meeting and the Pennsylvania Association of Farmers Cooperative meeting.

The winners for each cooperative were selected by a panel of three judges. The judges were as follows:

Dairyman Inc. - Joy Meyers, former dairy extension agent, Rising Sun; Joe Hazlegrove Jr., former Young Dairymen, dairy farmer in Farmville, Va.; and Dr. Donald Hegwood, Dean of the College of Agriculture, the University of Maryland, College Park.

Inter-State Milk Producers - Jane Benner, former vice president the National Young Cooperators, Millerstown, Pa.; David Lee, county agricultural agent, Woodstown, N.J.; and John R. Walker, assistant division manager of Milk Marketing Inc., Washington, Pa.

Maryland and Virginia Milk Producers - Donald L. Ace, Professor Emeritus of Penn State Dairy Extension, State College, Pa.; Robert J. Beiter, marketing specialist on agriculture economics, the University of Maryland, College Park; and James P. Townsend, former president of National Young Cooperators, dairy farmer, Manquin, Va.

Selected to represent their respective cooperatives are this year's Young Cooperator couples, from left, James and Bonnie Weddle, Maryland and Virginia Milk Producers; Gordon and Carole Hoover, Inter-State Milk Producers; and Bob and Ruthie Gruber, Dairyman Inc.

Weather cooperates with strawberry growers

HARRISBURG — Pennsylvania strawberry growers began to harvest their crop, and the weather cooperated as the state reported six days suitable for fieldwork during the week ending June 17, according to the Pennsylvania Crop Reporting Service. Activities included plowing; disking; spraying; hay making; and final plantings of corn, soybeans, potatoes and tobacco.

Topsoil moisture was rated short by 16 percent of farm reporters, adequate by 79 percent and surplus by five percent. Thirteen percent of the northern reporters rated soil moisture short, 81 percent rated it adequate and six percent rated it surplus. In the central region 28 percent considered the moisture short, 67 percent felt it was adequate, and five percent gave a rating of surplus. All farm reporters in the southern region considered soil moisture adequate.

Good weather conditions pushed corn planting to 95 percent complete, ahead of last year's 90 percent and equal to the five-year average of 95 percent. Northern producers had 93 percent of their corn planted, central producers reported 96 percent planted and the southern region had 95 percent of the corn crop planted.

Statewide soybean plantings reached 76 percent, ahead of the 70 percent planted last year. The northern region led with 83 percent planted, and the central and southern sections were close together and 75 and 73 percent soybeans planted, respectively.

Tobacco transplanting was 77 percent complete, far ahead of last year's plantings of 52 percent.

Commonwealth wheat producers reported 77 percent of their crop in the headed stage with six percent turning yellow. Last year, 76 percent was headed and ten percent turning yellow at this time. The northern region had 60 percent of their wheat headed with none turning yellow. In the central region 92 percent was headed and none turned, while the southern section had 70 percent of the wheat crop headed and 19 percent turning yellow. A few southern wheat growers are beginning to harvest their crop on a limited scale and are reporting some diseases such as septoria, leaf stripe and rust. Some southern region wheat fields are lodged due to high winds and heavy rains.

Statewide, barley was 39 percent headed and 44 percent turning yellow. At this time last year, 57 percent was headed and 37 percent turning yellow. Northern growers reported 34 percent headed and 29 percent turning yellow. In the central region 61 percent of the barley crop was headed with 31 percent turning yellow. The southern barley crop reached 14 percent headed and 74 percent turning yellow. Some southern producers have begun to harvest their barley crop.

At the end of last week, ten percent of the oat crop was headed, slightly behind last year's level of 12 percent and seven percent of the crop turning yellow at the state level. The northern and central sections reported seven and four percent headed respectively, while the southern region reported 32 percent of the oat crop as headed and 20 percent turning yellow.

First cutting of alfalfa was 60 percent complete, ahead of last year's cuttings of 52 percent.

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Look into Futures

By Peter D. Forbes

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LIVESTOCK — In the livestock, all eyes were focused on the June Hogs & Pigs Report. Floor traders were unwilling to buy into this report. This barrishness was contrary to the bullishness expressed by farmers and public traders.

	Expectation	Actual	Indication
Hogs & Pigs (6/1)	88.7	91	Negative
Kept For Breeding	87.4	91	Negative
Kept For Marketing	88.8	91	Negative

The market could be severely pressured in the near term since expectations were so bullish. As I mentioned last week, with heavy belly inventories, near term cash prices could have the rug pulled out from under them. Prices are expected to go limit down for at least one day.

However, some analysts believe that futures will find support 1.00 to 2.00 below current levels. Chart gaps made after March's Hogs & Pigs Report will certainly be a target on the down side. Once filled, these analysts believe hogs could stage a summer rally.

This barrish report will do little to firm an already weak cattle market. With beef products moving slowly, packer margins in the red, and cut out values down, cattle is expected to continue its sluggish activity. Near term prices pressure in both hogs and cattle will most likely result from heavy marketings. Many farmers were holding back livestock in anticipation of a bullish report. Now that prices are expected to be weaker, these animals will be dumped on the market.

GRAINS — New crop corn and soybeans have broken out from a three month trading range and have entered a full fledged weather market. Despite farmer's and public speculator's bullish concensus, market analysts and floor traders are bearish to the grains.

After breaking through a down trend line at 3.07, December corn has made an advance to 3.17. Technical traders call for an objective of 3.30 which is the contract high made last September.

However, private traders note that the great publicity in the news about recent western corn belt flooding and the southeast heat wave, has drawn considerable public speculation. They note that such speculation is wrong 90% of the time. Nevertheless, people who missed last summer's great bull market, are fully willing to hop on the buying wagon even before the normal July and August draught scares.

Agronomists are pointing to adequate subsoil moisture in the eastern corn belt as a good sign for grains. They say that recent dry weather will make roots go deeper which will make them resilient during the dry summer months. Also, western corn belt floods are being discounted since generally wet weather yields hurt by flooding generally more than compensate for by other areas that merely get above average precipitation.

New crop soybeans are following much the same pattern as corn. November beans broke through 7.50 but failed to take out contract highs at 7.72. Professional traders have been aggressive sellers on these rallies, feeling that prices are too high based on current fundamentals.

On Thursday, June 20, USDA released its June Grain Stocks Report:

	Expectation	Actual	Indication
Soybeans	436 million bu.	456.5	Negative, minus 10¢ to 20¢
Corn	2136 million bu.	2137	Neutral
Wheat	1390 million bu.	1394	Neutral

This report should primarily affect old crop prices. New crop prices will continue to trade strictly according to expected forecasted weather patterns.

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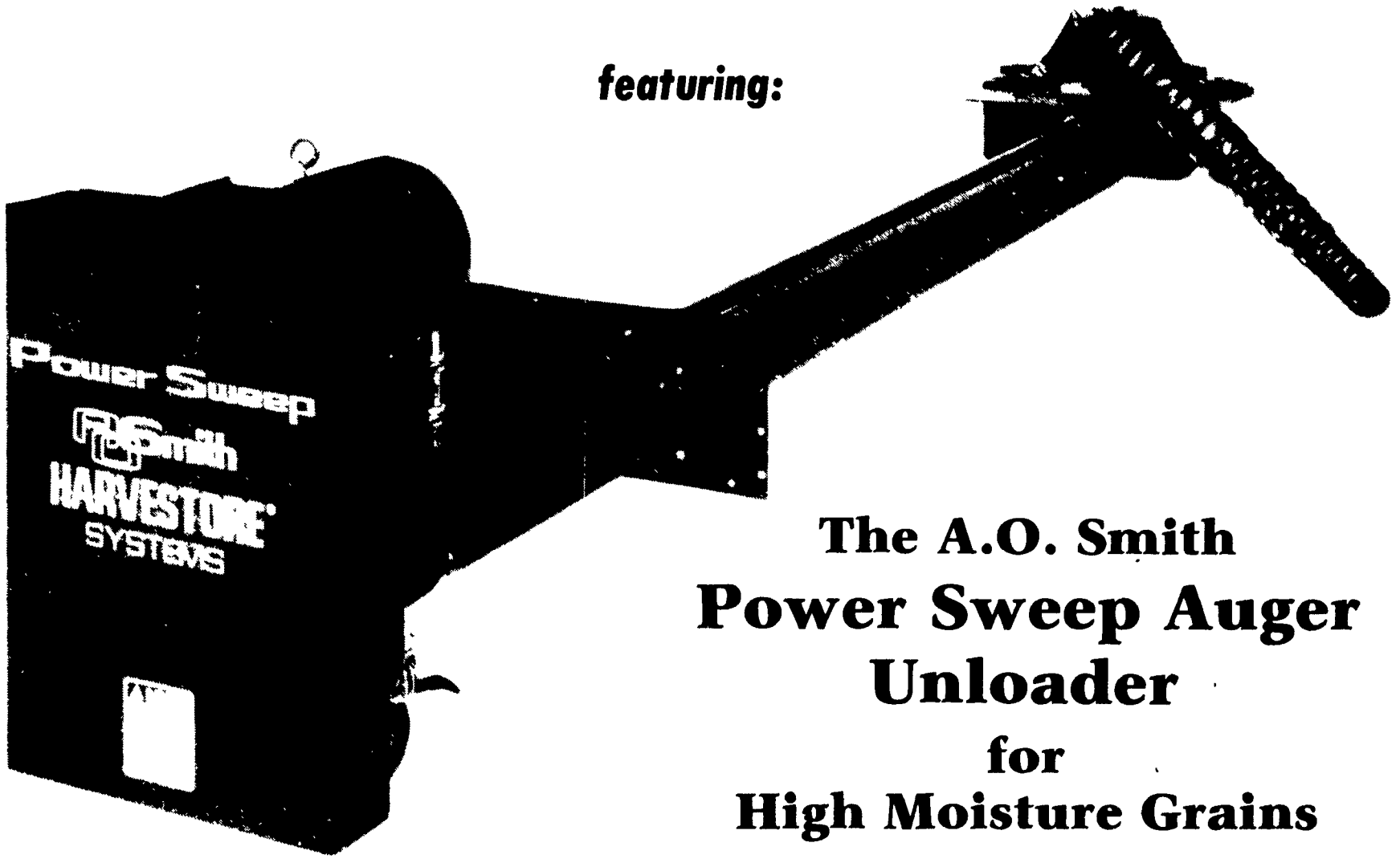

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Sundae Best's ice cream business keeps cows working

BY SALLY BAIR
Staff Correspondent

LITITZ — There is probably no more delightful way to get your daily supply of milk requirements than through ice cream, and Alan and Nancy Sechrist are eager to help local residents through the summer with their own delicious product.

Open less than one year, the Sechrists' Sundae Best ice cream parlor in Lititz has earned a reputation for high-quality ice cream in an old-fashioned setting. Alan says that in their first six weeks of business last summer the parlor sold an average of 250 gallons of ice cream a week. That's work for a lot of happy cows!

Although the ice cream business dwindled through the winter, they are now making 100 gallons a week, and it will increase steadily as hot weather returns and ice cream eaters start longing for a delicious treat.

Since there had not been a true ice cream parlor in the area for awhile, Alan says he doesn't know if the crowds they got last summer were just "ice cream starved curiosity seekers. We didn't know we'd get the mobs we did." Of course, mobs are what the owners of the new business like, even though it means keeping the ice cream freezer working overtime.

Neither Alan nor Nancy had ever run a business before their venture. Alan, a 1961 dairy production graduate of Penn State, and Nancy, an elementary education graduate of Bloomsburg State, were pursuing a more traditional life. Alan had worked for 18 years with Shell Chemical in their animal health research department, and Nancy had left teaching to raise their family which now consists of Amy, 13; Andy, 11; and Owen, 10. They were happily settled in New Jersey.

The Sechrist family had always enjoyed ice cream, and the idea of an ice cream parlor had been in their minds for about three years. A folk art painter, Nancy had attended the Craft Fair in Lititz with her family several summers ago, and when Alan and the children went off to find an ice cream cone, they found the selection very limited. That was the beginning of the transformation.

They decided from the start that they would serve only a high-quality product, and actually wanted to make their ice cream from scratch. That proved impractical because of the necessity of pasteurizing and homogenizing the mix, which would have meant two additional pieces of equipment. They compromised by purchasing a high-quality mix from Crowley's.

Alan is the chief ice cream maker, and earned that title by attending Penn State's 10 week short course on ice cream making, which teaches the finer points of making ice cream, testing it and keeping it correct for serving.

Using a 14-percent butterfat mix, the Sechrists have produced a rich ice cream that meets their high standards.

"Most people appreciate the fact that our ice cream is different," Alan says. He added that they had originally wanted to make 16-percent ice cream whichis made by just one other business in the county, but decided the 14-percent had just the flavor they liked.

Alan and Nancy use only first quality, natural flavorings. Nancy says, "Alan creates his own flavors - they are top of the line. We are both very conscientious about what we do." All flavors must meet their approval before being offered to the public.

Asked how they decide which kinds of ice cream to make, Alan replies, "We have our own ideas on what we want to make, and customers are asking for some kinds." They offer 16 flavors at a time, with 10 of those consistent, with the remaining ones changing according to season and demand.

Vanilla remains the flavor they make most often, but that is primarily because it serves as the basis for all their sundaes, sodas, floats and other enticing concoctions.

Oreo cookie ice cream is the current best seller. Alan adds, "Customers like variegated ice creams. They have a sweet tooth." Mocha fudge and butterscotch are two other best sellers.

Sundaes are perhaps their biggest sellers in the parlor. Nancy makes chocolate fudge sauce from scratch because she couldn't find any commercially available that suited her. The sauce can also be purchased to take home.

For those who may have forgotten the difference, a float is simply soda with two dips of ice cream. A soda, according to Alan, is "a more elegant drink. It is made with carbonated water and syrup with some ice cream dissolved in it to make a creamy base. Then more ice cream and whipped cream are added to finish it off. "It takes longer to make and it is a lot prettier," Alan says.

Asked if any flavors have not been successful, Alan answers candidly, "We made banana and it was a disaster. It got icy and we ended up throwing it away."

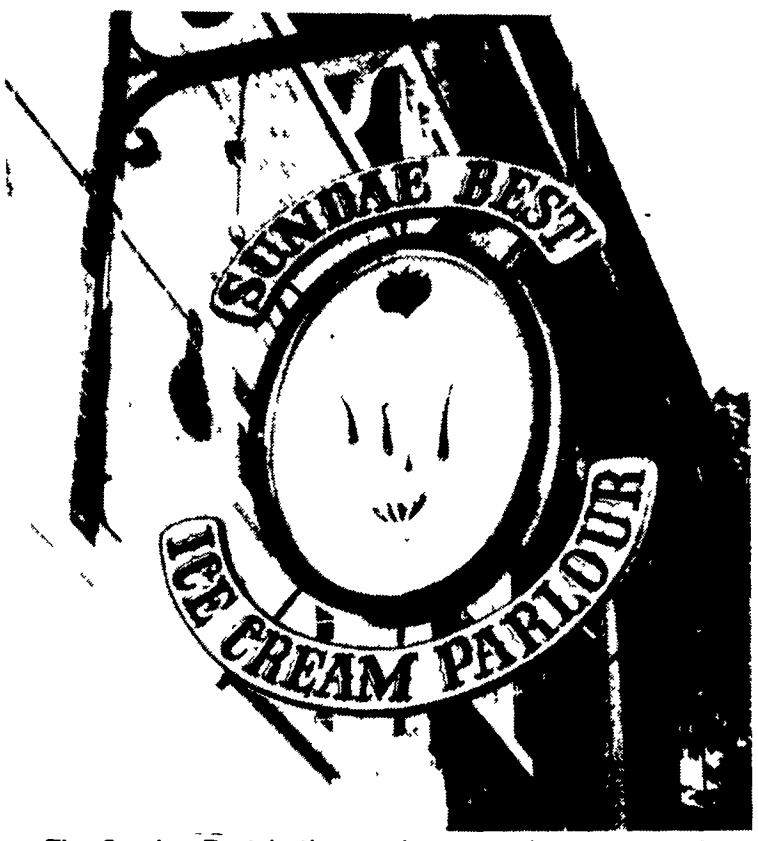
Alan explained that the ingredients used affect the freezing point, therefore, each batch, and each flavor, requires a lot of individual attention. The alcohol in rum raisin ice cream, and the oil in pecan or peanut butter, all react differently as they freeze.

An Emery Thompson ice cream freezer, of post World War II vintage is the hub of the operation. Alan says it is a tough machine which works well, pointing out, "It takes some experience with the machine to get it right."

As Alan explains the process it becomes evident that it is a job which requires his constant attention. "I learned at Penn State to

(Turn to Page B4)

Alan Sechrist, owner of the Sundae Best ice cream parlor with wife Nancy, is the chief ice cream maker. Here he pours mix into the freezer, the first step in the process to produce high-quality ice cream for use in the shop.

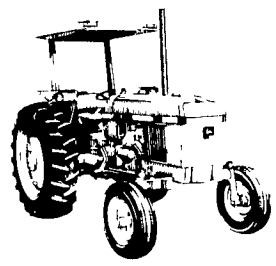


The Sundae Best is the area's newest ice cream parlor, offering delicious ice cream in a true "parlor" setting. Located on North Broad Street in Lititz, the Sundae Best caters to both locals and tourists and features a wide array of sundaes, sodas and other luscious ice cream treats.

Here is one satisfied customer. One-year-old Nichole Schwartz accepts a taste of a Sundae Best ice cream cone from her mother Tina. Father Jeff waits out of camera range to take over if Nicole can't finish. For those who like their ice cream "to go" there are tables outside the shop.

Nancy puts some of her homemade hot fudge sauce on a sundae. The fudge sauce is just one of many good-tasting toppings to make a sundae to remember. Nancy is also chief chef, responsible for the simple but delicious and fresh food menu.

Homestead Notes



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The Long Green Line™

JOHN DEERE

Nothing runs like a Deere™

Sundae Best

(Continued from Page B2)

make as consistent a product as you can make."

To make sure his products are consistent Alan relies on the use of a special scale which helps determine the amount of air added during the freezing process. "There must be a balance between the freezing and the amount of air," he says. "It is kind of an art. You need to keep an eye on it and make adjustments."

Once the creamy, delicious product comes out of the freezer, it is put into three-gallon containers. In some cases some hand mixing of flavors is done at this point so the added fruit or cookies are not crushed during the actual freezing process.

The containers are then allowed to harden for 10 hours at -15 degrees. To be ready for dipping they must be slowly brought from that temperature to +12 degrees, a three-hour process. All of this means advance planning is necessary to keep the ice cream freezer full, and the product ready for the customer! Alan began making some half-gallon containers to fill customers' wishes and he packages a small portion of each batch that way.

While Alan reigns over the ice cream making, the kitchen is Nancy's. She said they quickly realized they could not stay in business just selling ice cream. "We keep the food simple and serve really good things. Ice cream sales in the winter are 15 percent of the summer. Food kept us going in the winter."

It is only natural for Nancy to work with the food. She says, "I really like food and I like to cook. It was always in the back of my mind that I wanted to do something with it."

Because the business is small, Nancy states, "I do things the way I would have done it at home. I do all my grocery shopping because I'm not big enough to have it delivered. I get better buys just taking the store specials. I use only fresh products, never frozen or canned, so I look for what is on special."

There are three kinds of sandwiches offered, plus a daily special and usually two kinds of freshly-made soups. The specials and the soups vary with the season, and the base of these are always natural ingredients, including real butter.

Nancy adds, "I make my own mayonnaise and we grind our own coffee. People love our coffee and it is worth it." Even the decaffeinated coffee is brewed at the Sundae Best.

The parlor is located on North Broad Street, Lititz's main north and south highway, and it attracts tourists as well as locals. The Sechrists were pleasantly surprised at the number of tourists visiting Lititz, and are further pleased when they find that the tourists have told their friends from Baltimore and New York and these friends seek them out.

They are located in a building which housed a paint store, but it has been lovingly transformed, and the wide expanses of glass windows are beautifully etched to welcome customers.

Nancy says, "I did all the decorating. I knew what I wanted for the windows." Alan did most of the work, having the help of a contractor primarily for the carpentry. The interior features stained wood, brass rails, green wallpaper and black and white checked floors. Ice cream parlor tables and chairs were acquired in visits to Renningers and Black Angus Flea Market.

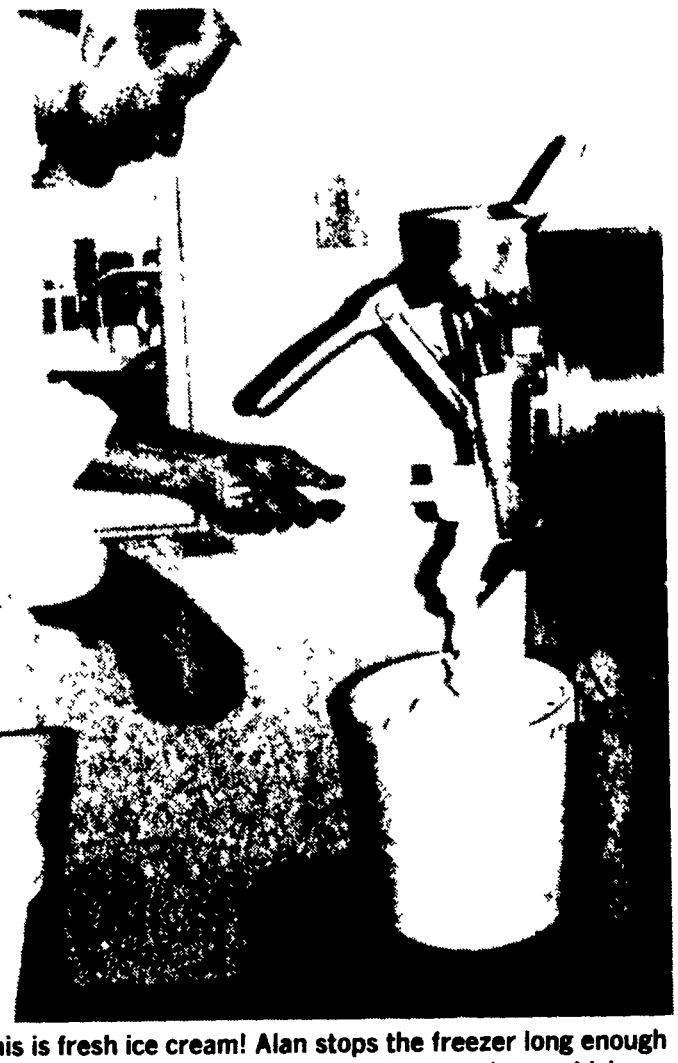
Both Sechrists admit that the adjustment from salaried career to owning a business has not been easy. Nancy says with a smile, "I had a stomach ache for three months. It was hard to give up a nice secure job with salary and benefits to start again. We had to learn everything. I don't think I could ever go through it again."

Alan agrees, but adds that since the business he worked for had been sold twice, he felt it was becoming less and less secure. Plus, he adds, "Everybody has the yearning to have a business of their own. The parlor thing kept growing on us over the last three years."

The most difficult time was the six months prior to their opening when they truned to many sources for information. They both credit Jerry Beck, their Crowley salesman, with helping them actually get organized and underway.

Although they are working 16-18 hour days to stay on top of the business, they enjoy providing quality food and delicious ice cream for the community.

If you are in the Lititz area and have a yearning for some delicious ice cream, pay a visit to the Sundae Best. The ice cream and the atmosphere are worth a visit!



This is fresh ice cream! Alan stops the freezer long enough to empty this batch into the three-gallon containers which are used to store the great-tasting ice cream. Vanilla is made most frequently because it is the basis for most of the special treats, but the shop has 15 other flavors.

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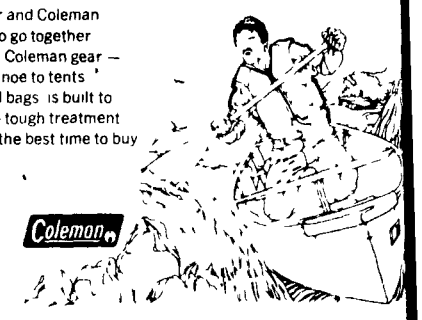

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Ida's Notebook

Ida Risser

This year I've had not only more strawberries and sugar peas than I knew what to do with, but also many, many flowers. First came the many varieties of tulips that Judy brought from the Netherlands. Then the daffodils with their mixture of shapes and colors. And, I'm surprised that even though it is past the middle of June, the white violets are still blooming profusely.

This spring I picked armfuls of large colorful iris. Their colors ranged from white to a deep brown. My favorites were the orchid-colored ones. On Memorial Day I took some to my parents' and sisters' graves. They also have a delicate fragrance which I am fond of. There were so many corms, when I replanted the bed, that now they've overflowed into the field back of our house. I'd be glad to share them with anyone who would enjoy them.

Now, when people come here to buy berries and peas, I often send them away with a bouquet of tall, dark blue larkspur and some perennial coreopsis. The latter is a bright golden yellow, semi-double daisy and forms a nice contrast.

As usual many of the flower seeds that I planted did not come up for me. Since they are on a southern slope, I think the rains washed too much soil on them. Anyway, I did purchase a few annuals like scarlet sage, ruffled hybrid zinnias and a few petunias. You'd think that with fifty or more houseplants to put out in the flower bed, I wouldn't need to buy anymore. But, when it comes to flowers — the more the merrier.

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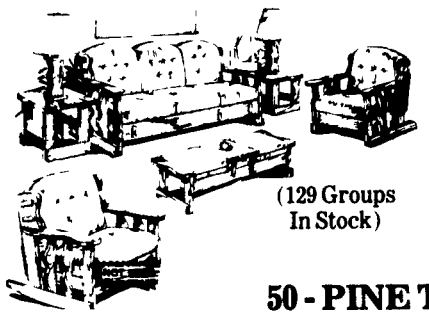

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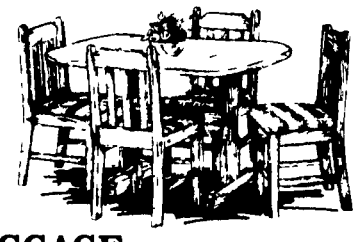

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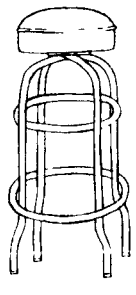

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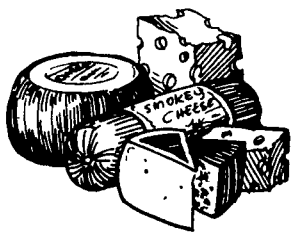
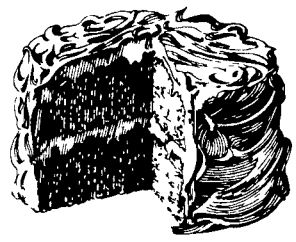


Home On The Range



Plan a dinner with dairy products

It's hard to believe that dairy products have so many uses, but the Dairy Dinner recipes that readers shared indicate that many, many main dishes use milk, cream and cheese.

For a challenge, try making an entire meal, including a salad, main course, vegetable, dessert and beverage, using only recipes that call for at least one dairy product. You should be surprised how easy it really is. The recipes below that our readers shared will give you a headstart in meeting this challenge.

You still have time to send in your favorite dairy recipe and to receive a gift of appreciation. Start looking in your files and decide which ones you would like to share.

DAIRY CASSEROLE

8 ounces noodles, cooked
1 pound hamburg, fried
2 cups corn, cooked
8 ounces cream cheese
1 can cream of mushroom soup
1 cup milk
Salt and pepper
Onion salt

Combine all ingredients and bake ½ hour at 350°F.

Doris Weaver
Ephrata

CORN SOUP WITH RIVELS

3 cups fresh or canned corn
2 quarts water
1 cup rich milk
1⅓ cups flour
1 egg
3 tablespoons buter
1½ teaspoons salt
Parsley

If fresh corn is used, cut kernels from the ear and cook 10 minutes in the water. If canned corn is used, small whole kernel corn is preferred. Bring to a boil but do not cook.

Make a batter by mixing egg, flour and milk together. Pour this batter through a colander, letting it drop into boiling corn. Add butter and salt and cook slowly for 3 minutes in a covered pan. Garnish with parsley. Serves six. This soup should be eaten imediately, so that rivels retain their shape rather than spread through the soup.

Mrs. Phares Burkholder
Kutztown

MACARONI SUPREME

⅓ cup creamed butter
½ teaspoon salt
1 cup grated cheese
1 cup evaporated milk
1 cup soft bread crumbs mixed and add
3 beaten eggs to crumbs
1 cup cooked macaroni

Put in casserole and bake at 350°F. for 25 to 30 minutes.

Mrs. Ray Seidel
Lenhartsville

MACARONI PIZZA

2 cups raw macaroni
1 egg
½ cup milk
1 pound ground beef
⅓ cup onion
1 15-ounce can tomato sauce
1 teaspoon salt
½ teaspoon oregano
¼ teaspoon pepper
1 cup grated velveeta
1 cup grated mozzarella
1 can mushrooms

Cook macaroni; drain and spread in 7 X 11-inch pan. Beat egg, add milk. Pour over cooked macaroni. Brown meat and onion. Drain grease and add everything else except cheese. Boil until thick and pour over macaroni. Top with cheese. Bake 25-30 minutes at 350°F. until cheese bubbles.

Darlene Martin
Newmanstown

BEEF AND CHEESE CASSEROLE

1 pound ground beef
1 small onion, chopped
1½ cups uncooked spaghetti
1 cup tomatoes
2 tablespoons butter
3 tablespoons flour
2 cups milk
¾ cup cheese

Cook spaghetti until tender and drain. In a skillet brown beef and onion in the butter. Add flour, seasoning, and milk. Cook until thick. Mix ½ cup cheese with spaghetti. Place half of spaghetti in greased baking dish. Put in meat mixture. Top with tomatoes. Put on the rest of spaghetti. Sprinkle with remaining cheese. Bake at 350°F. for 25 to 30 minutes.

Mary Martin
Middleburg

PURPLE COW SALAD

2 3-ounce packages blackberry gelatin
2 cups boiling water
1 15-ounce can blueberries, drained
1 8-ounce can crushed pineapple, drained
1 8-ounce package cream cheese
½ cup sugar
½ pint sour cream
½ teaspoon vanilla
½ cup chopped pecans

Dissolve gelatin in boiling water. Drain blueberries and pineapple and measure liquid. Add enough water to make 1 cup, add to gelatin mixture. Stir in drained blueberries and pineapple. Pour into a 2-quart flat pan, cover and put in refrigerator until firm. Combine cream cheese, sugar, sour cream and vanilla, and spread over congealed salad. Sprinkle with chopped pecans. Makes 10 - 12 servings.

Robin Hill
Md. State Dairy Princess
Kennedyville, Md.

Next weekend try this easy make-ahead "Friday Casserole" featuring dairy products.

FRIDAY CASSEROLE

¼ cup butter
¼ cup all-purpose flour
2 teaspoons grated onion
1 teaspoon Worcestershire sauce
½ teaspoon each: dry mustard, salt
Pinch of pepper
3 cups milk
1 8-ounce package egg noodles, cooked and drained
1 10-ounce package frozen peas, cooked and drained
5 hard-cooked eggs, peeled
1 teaspoon prepared mustard
¼ teaspoon salt
Dash pepper
2 tablespoons sour cream
1 teaspoon vinegar
½ teaspoon Worcestershire sauce

Melt butter in a medium-sized saucepan. Stir in flour, onion, Worcestershire, mustard, salt and pepper. Cook until smooth, stirring constantly.

Remove from heat. Gradually stir in milk. Bring to a boil over medium heat, stirring constantly. Boil and stir one minute. Reserve ½ cup of sauce. Combine remaining sauce, noodles, peas and shrimp in a 3-quart round glass casserole. Cut eggs in half lengthwise. Carefully lift out yolks; place in mixing bowl. Mash yolks with a fork and add remaining ingredients; mix until light and fluffy. Fill egg whites with yolk mixture. Press deviled egg halves into mixture around outside edges and in center of casserole. Drizzle reserved sauce over egg halves. Refrigerate, covered, overnight. To reheat, microwave covered with casserole top or plastic wrap, on full power, about 12 minutes, rotating a half turn every 3 minutes, until hot and bubbly. Let stand, covered, 5 minutes before serving.

To reheat in conventional oven, place casserole, uncovered, in preheated 350°F. oven about 30 minutes.

American Dairy Association

EASY LASAGNE

9 lasagne noodles, cooked
1½ pounds ground beef
½ onion, chopped
1 quart jar spaghe ti sauce
2 cups grated cheddar cheese
2 cups grated mozzarella cheese
Few sprinkles parmesan cheese

Brown ground beef, add onion and spaghetti sauce. Simmer for 5 minutes. In 13 X 9-inch pan put 3 cooked noodles, add meat sauce and sprinkle with parmesan cheese. Top with 3 more noodles, repeat meat layer. Then use 3 remaining noodles and add final meat layer. Sprinkle each layer with parmesan cheese. Top with grated cheeses. Bake at 350°F. for 30 minutes. Sliced mushrooms may be added to each layer if desired.

Luella Reiff
Chester Springs

COTTAGE CHEESE CASSEROLE

Saute in large skillet:
2 tablespoons butter
½ cup each - chopped mushrooms, onions and celery and 1 clove garlic, minced.
Stir in:
¼ teaspoon marjoram, crushed
4½ cups water
¾ cup tomato paste
2 teaspoons salt
1 teaspoon sugar
4 cups macaroni

Simmer until macaroni is tender - about 25 minutes. Have ready:
½ cup chopped parsley
2 cups cottage cheese
½ cup grated parmesan cheese

Put half the macaroni mixture in a greased 2-quart dish. Top with 1 cup of cottage cheese and ½ of parmesan cheese and parsley. Repeat layers. Bake at 350°F. for about 40 minutes.

Tami Lapp
Port Allegany

OATMEAL HOTCAKES

1 cup uncooked oatmeal
1½ cups buttermilk or sour milk
¼ cup brown sugar
2 eggs
¼ cup butter or margarine, melted
1 cup flour
1 teaspoon baking soda
1 teaspoon salt

Mix oatmeal and buttermilk, let set 10 minutes. Stir in brown sugar, eggs, butter, flour, soda and salt. Stir lightly with wooden spoon. Don't beat. Then make on hot griddle.

Brenda Hoover
Manheim

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. You can send your recipes to Sue Keene at Lancaster Farming, P.O. Box 366, Lititz, PA 17543

June	
23	Dairy Dinners
30	Puddings & Custards
July	
7	Outdoor Cooking
14	Vegetable dips, spreads and sauces

Featured Recipe

This week's featured recipe comes from Michelle Rodgers, a home economist with the Lancaster County Extension. Michelle's fruit leather recipe is a perfect travel treat.

The leather won't easily spoil in hot weather, is nutritious, and doesn't create a mess in the car. For other travel snacks and game ideas, see the story about traveling on the Family Living page.

Strawberry Fruit Leather

5 cups halved strawberries
¼ cup honey

1. Line a drying tray or baking sheet with plastic wrap. (Do not use foil or wax paper unless you want to eat it with the leather!) Use masking tape to tape down the corners so it does not blow over leather as it dries.
2. Wash fruit and puree in blender until very smooth. Add honey.
3. Pour puree onto prepared drying tray, about ¼-inch thick. Spread puree from center out, leaving the edges thicker.
4. Place in 150° F. oven to dry. Leave oven door open about 4 inches. Place candy thermometer in back of oven. Check temperature periodically to see that it is correct. If necessary, turn oven off for awhile to reduce temperature. Rotate pans every two hours. The leather is dry when the surface is no longer sticky. Drying time is 6 - 12 hours.
5. When dry, remove from oven. Remove plastic wrap. Let cool completely. When cool, rewrap in plastic wrap by rolling up like a jelly roll.
6. Leathers can be stored at room temperature for one month or in refrigerator for three months. It will keep for one year in freezer. Makes two leathers.

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Farm Women Societies

Lancaster Society 3

Members of Lancaster Society 3 recently enjoyed an afternoon at the Mount Hope Estate and Winery and a tour of the historic mansion and grounds. The group also saw the arts and crafts displayed by various craftsmen during their May meeting hosted by Sara Stober.

During a short business meeting before the tour, members were urged to enter the 1984 state convention project of "Make Anything You Like." Norma Meck was assigned the responsibility of keeping members aware of any and all legislative bills discussed or enacted by the state government affecting farm families.

The society plans to entertain the local 4-H'ers at a swim party at the Ephrata pool. Date and details will be announced at the July meeting.

The July meeting will be on Sunday, July 22 at the Sunny Craft Farm at 12:30 p.m. for the family picnic. Members should bring their own place setting, salad and dessert.

Lancaster Society 14

Lancaster Society 14 met at Hershey Farms Restaurant on June 13 for lunch and a short business meeting.

The group discussed the 1984 state project of "Making Any Item," whether you use needles, hooks, looms, shuttles, brushes, hammer and nails or whatever.

Following lunch, the group played miniature golf at the Village Green in Strasburg.

The group will take a bus trip to Atlantic City on September 12. The next meeting will be the annual picnic at the Tinny Pavillion in Strasburg on July 12. Each member was instructed to bring a generous portion of a hot or cold dish. The program will be a surprise.

Berks Society 1

Berks Society 1 met recently at the home of Mary Laurey, R2 Douglassville, for their June meeting.

The family picnic is being planned for August 19 at Levengood's Grove, R2 Douglassville. The group selected the Washington Inn, Bechtelsville, as the location for the Christmas Party.

Randy Westley, Douglasville, gave the group a mini-view of some of his antique collection. He showed several items dating back many years.

The next meeting will be a doggie roast at the home of Mrs. Marina Leberman, R2 Douglasville, at 7:30 p.m. on July 11.

Dairy dinners

(Continued from Page B6)

FRUIT AND CHEESY PANCAKE

1 8-ounce package cream cheese
½ cup sour cream
3 tablespoons orange juice
3 tablespoons sugar
½ cup flour
¼ teaspoon salt
½ cup milk
2 eggs, beaten
1 tablespoon butter
2 cups strawberries or other fruit, sliced
¼ cup almonds

Combine cream cheese, sour cream, juice and sugar, chill. Combine flour, salt, milk and eggs, beat until smooth.

Heat 10-inch skillet in a 450°F. oven until hot. Add butter to coat pan, pour flour batter immediately into hot pan. Bake on lowest rack in 450°F. oven for 10 minutes. Reduce heat to 350°F. and bake 10 more minutes or until golden brown. Fill with fruit, top with cheese mixture. Sprinkle with almonds. Serve immediately.

Colleen Shoemaker
New Woodstock

Lebanon Society 20

Lebanon Society 20 met at the home of Phyllis Seyfert, R6 Lebanon, on June 11.

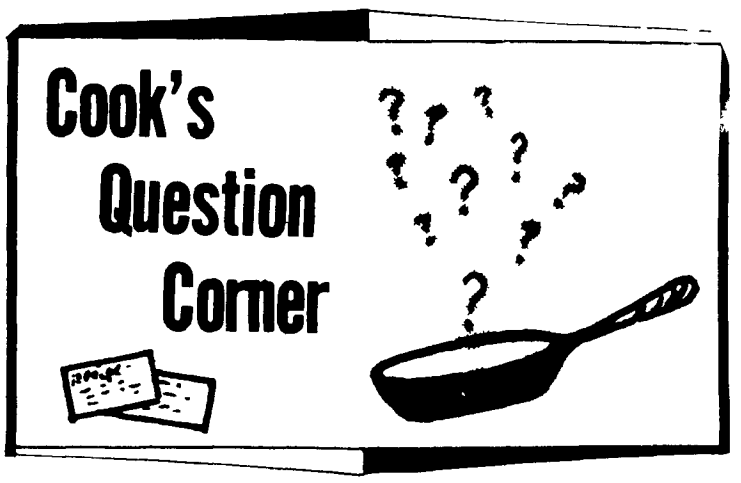
The trip committee reported on a trip to Atlantic City planned for July. The exact date for the trip will be set at the next meeting.

The county convention will be held on October 10 at the Midway Church of the Brethren. Members received flyers concerning the 1984 state projcet, "Making of Any Item."

Following the business meeting the group discussed tips on safety around the home and farm.

The next meeting will be the family picnic at the home of Pattie Maulfair.

Cook's Question Corner



QUESTION - Mrs. G. Martin, Ephrata, would like a recipe for strawberry shortcake, the kind you use for shortcake.

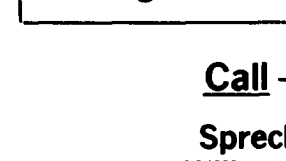
QUESTION - Mrs. Lois Delp, Dimock, needs to know what "Clear Jell" is and where you can buy it.

QUESTION - Mitz Zook, Belleville, would like a recipe for bagels.

QUESTION -Julia Euclide, Delta, is interested in ice cream recipes that use very little or no cream.

QUESTION - Kathy Jones, Carlisle, is still looking for a Chiffon Cake recipe which uses juice, is baked in a loaf pan, and is especially good with strawberries.

BUCK TRACTOR PULLS..



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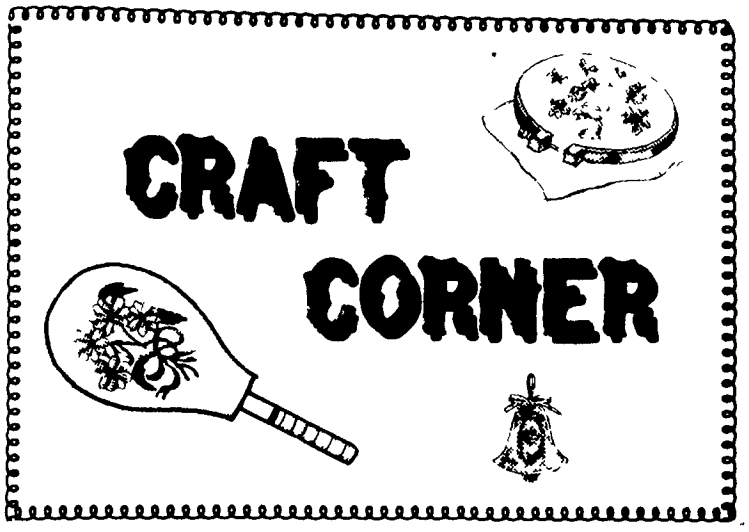


Wool is good news for needle crafters

So difficult to find in past years, 100 percent wool is becoming increasingly available for knitting, crocheting, quilting, spinning and sewing. In many cases sheep farms are supplying craftspersons with these very specialized products.

Wool, a natural fiber, is the original easy care fiber. The terms you hear every day...like wrinkle-resistance, colorfast, shape-recovery (resliency), water repellency, fire resistance...are qualities that mother nature gives to wool. Wool gives you fabrics in every weight to fit every climate and temperature, from Artic cold to Tropic heat. And wool is comfortable in every temperature. If you haven't enjoyed the comfort of lightweight wool in extreme heat, take a tip from athletes and Arab tribesman who wear wool for comfort in heat and for protection against sudden chilling.

Wool gives greater variety and clarity of colors than any other fiber...colors that never fade or frost with wear, as wool soaks up dyes, never releasing them. Real wool is a fiber that is imitated by most other fibers made by man today. Why should you accept a substitute?

COUNTRY SPUN Sheep Farm produces 100 percent wool hand-knitting yarn in sports and worsted weight in a variety of natural and heather colors. Knit kits consisting of an attractive pattern and the proper amount of yarn are available at the farm just off I-83 exit 3 in Loganville, Pa.; at ETC. of Historic York on the corner of Beaver and Philadelphia Streets and at WOOL's Things, 2466 Lititz Pike in Lancaster. All Country Spun yarns are machine washable and will soon be available in both Colonial and Victorian hand-dyed shades.

The crocheted sweater kit pictured is worked in COUNTRY SPUN sports weight 100% wool and includes yarn for sizes 4 thru 22. It is available in cream, green heather, misty lavender, faded demin and rainbow heather (mauve), for $25.00 P.P.D. Send remittance to COUNTRY SPUN, Box 117, Loganville, Pa. 17342. State color choice.

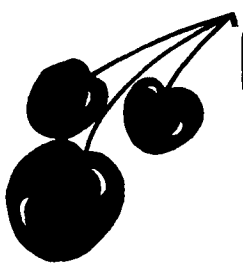
Centre County 4-H Dairy Club

The Centre County 4-H Dairy Club met at the home of Jay and Mary House of Spring Mills on June 11.

The meeting started with a short talk on "How to Fit Your Animal for a Show," by Sandra Houser. Later, the members learned how to clip an animal and then practiced clipping.

The group decided to make a planned trip to Lancaster a full-day outing. They plan to visit an Amish market, a cheese plant and an amusement park. They did not set an exact date yet, but plan the trip for the end of July.

The group also decided what they were going to display during a mall promotion for dairy products.



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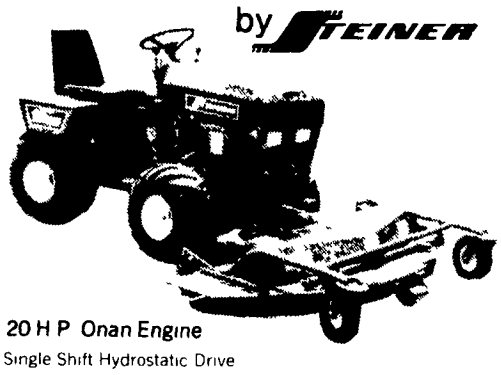

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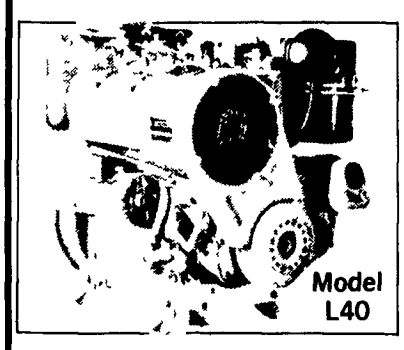

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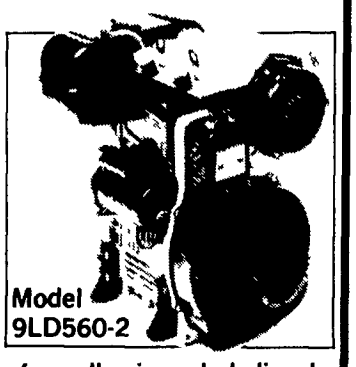

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Kid's Korner

June is a rare month

In June we celebrate the birthdays of Jefferson Davis, Beau Brummell, Judy Garland, Jean Paul Sartre and Brigham Young. We observe Flag Day, Father's Day and Midsummer Day. We can even take a day to remember Custer's Last Stand on June 25. But one celebration important to the health of people in the United States is the annual observance of June Dairy Month.

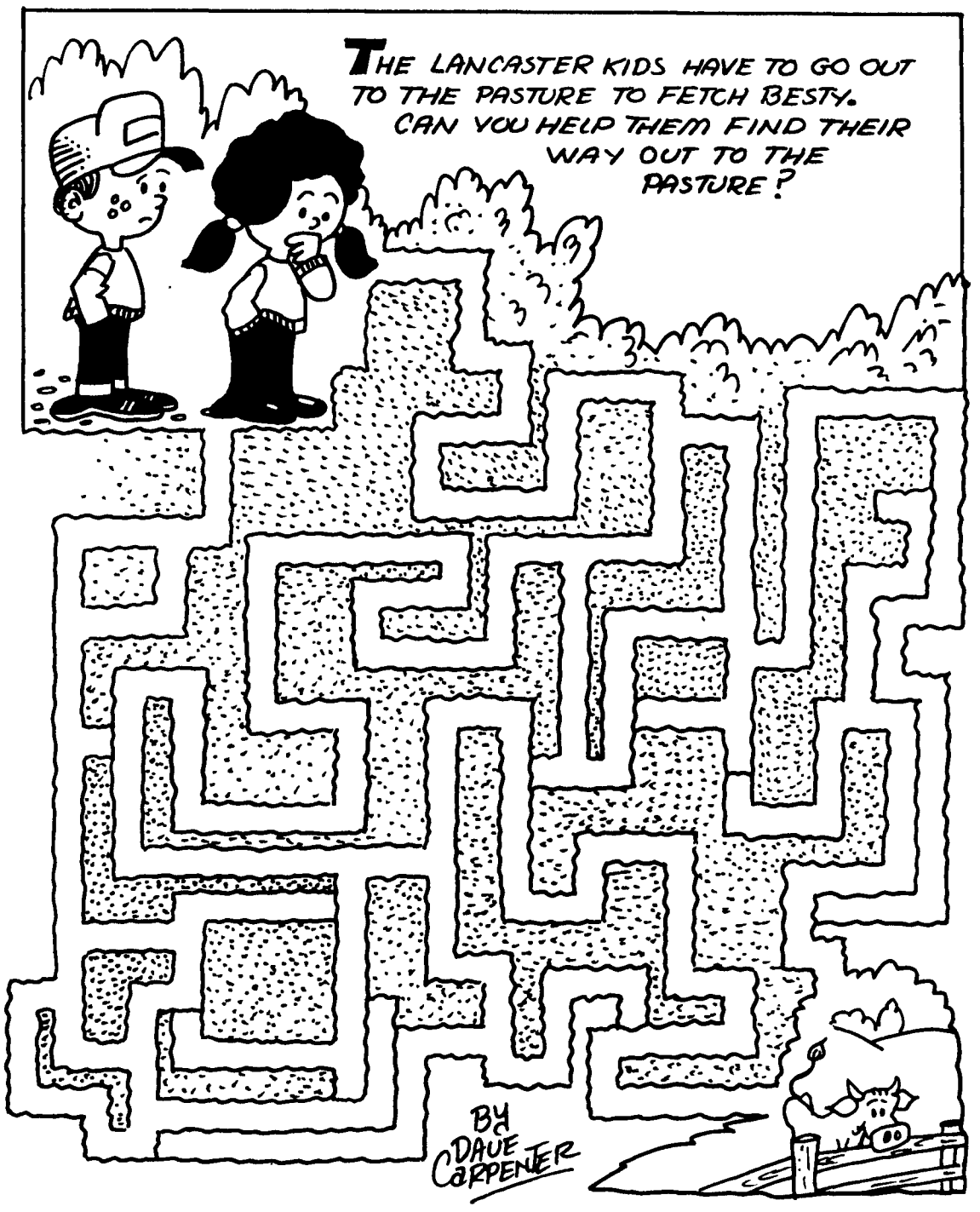
The event has two purposes. First is to encourage greater consumption and enjoyment of milk and other dairy foods. Second is to salute the dairy farm families whose daily work assures the continued availability of these nutritious foods.

While month-long celebrations have been established for many other foods (including soup, pickles, cherries, popcorn, hot dogs, potatoes and peanuts), June Dairy Month is one of the oldest.

This celebration began as a double-header. In the summer of 1937, grocer and drug chain store organizations sponsored National Milk Month and that fall an industry publisher set up National Milk Week. By 1939 the salute became a single month-long event promoting use of dairy foods and saluting dairy farmers. National Dairy Council (NDC) developed special materials and carried out the activities planned by a committee representing dairy farmers, processors and a leading dairy publication.

In 1940, when American Dairy Association (ADA) was organized, dairy farmers in many states selected the well-established June Dairy Month as the time for collecting ADA promotion funds. in 1955, organizational responsibility for June Dairy Month was moved from NDC to ADA. Sales promotion, advertising and merchandising were added to the strong public relations program.

Today dairy products are promoted all year long. Dairy farmers continue to milk their cows at least twice a day. And American people enjoy dependable supplies of milk, cheese, butter, ice cream and other real dairy foods.


THE LANCASTER KIDS HAVE TO GO OUT TO THE PASTURE TO FETCH BESTY. CAN YOU HELP THEM FIND THEIR WAY OUT TO THE PASTURE?
BY DAVE CARPENTER

Know how to care for injured pets

NORRISTOWN, Pa. — There may be few feelings as helpless as seeing an injured pet. And Nancy Kadwill, at Penn State Extension Service says that some injuries can be compounded by well-meaning pet owners who don't really know what to do.

Remember...if what you are doing is hurting the animal, you may not be doing any good.

If an animal has been hit by a car, any movement can make fractures worse...handle the animal as little as possible. Place the animal on a sturdy, flat surface to transport it to a vet. If the animal is able to walk on its own, let it.

If a wound is bleeding, try to stop the blood loss...but don't leave a tight bandage on for more then forty minutes.

If your pet is bitten by another animal...take your pet to the vet at once. Bite wounds are usually more serious than they look.

The key for treating cuts and abrasions is to keep the wound clean.

COLOR THIS!

1.	BLACK	6.	ORANGE
2.	RED	7.	GREEN
3.	YELLOW	8.	LT. BROWN
4.	BLUE	9.	LT. BLUE
5.	BROWN	10.	LT. GREEN

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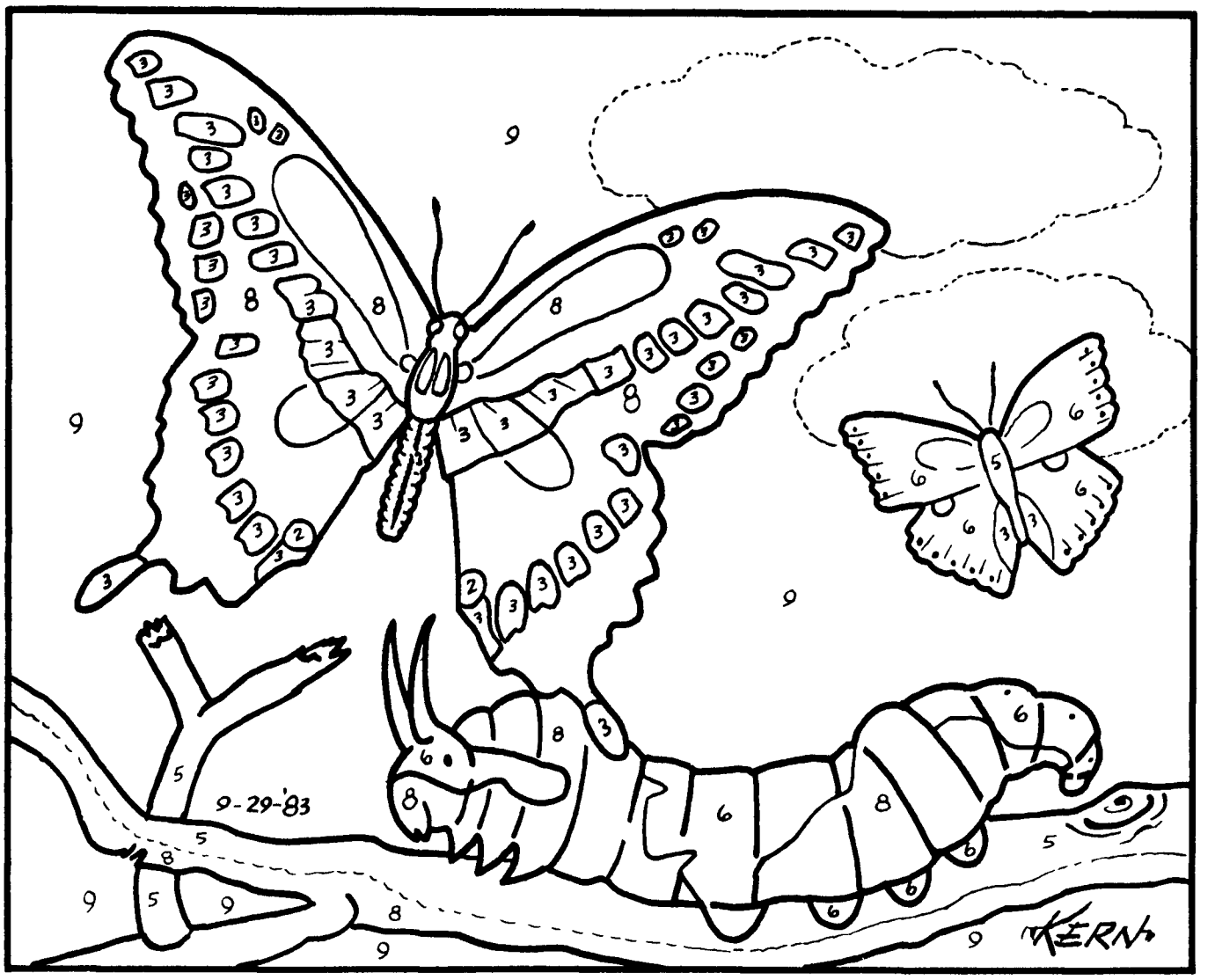

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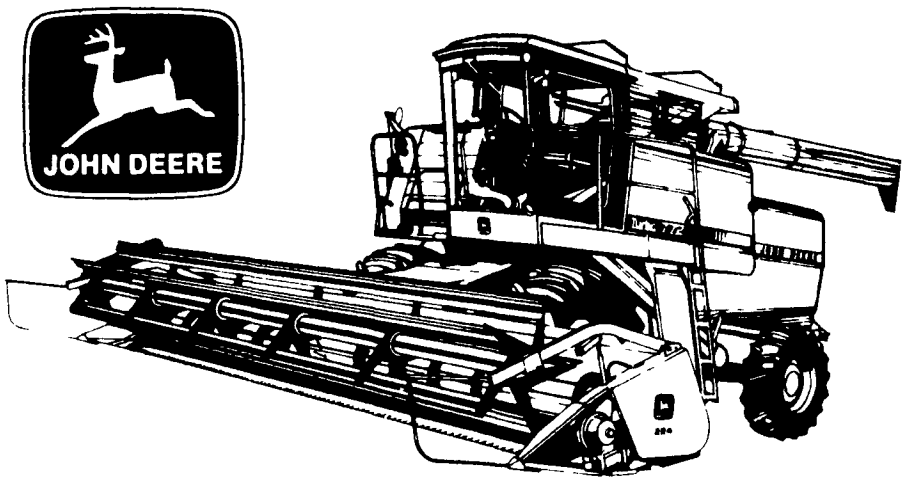

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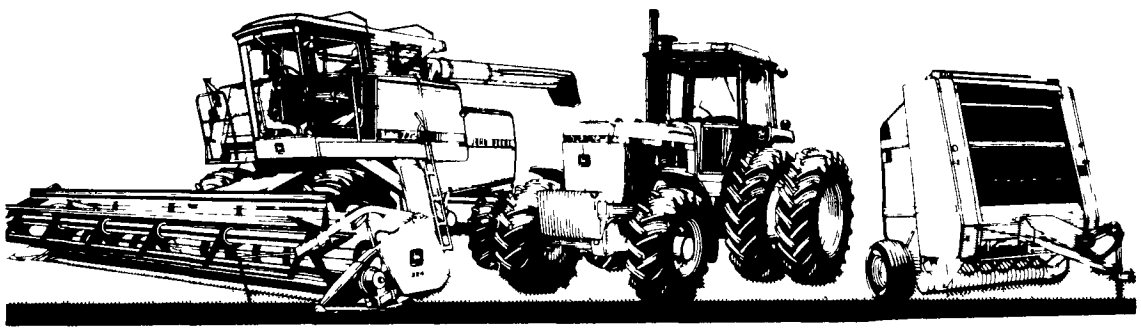

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It's strawberry time!

LANCASTER — The hot, muggy weather that had many of us melting last week has ripened the hard, green strawberries into irrestible red, plump and juicy ones.

Now is the time to enjoy those delicious berries that are coming on with such abundance. If you're beginning to tire of strawberry shortcake, don't despair; there are plenty of other ways to enjoy strawberries.

You could try a six-layer Strawberry Chantilly made with layers of pie crust and strawberries and cream. But if you're watching your figure now that the bathing suit season has arrived, a Fruit Platter Pie or a Red, White and Blue Salad are options you might want to pursue.

A Fresh Fruit Tart made with pudding, whipped topping and fruit, would make the perfect end to a special summer meal. For a more traditional, but equally delicious dessert, try a fresh strawberry pie.

FRESH STRAWBERRY PIE

1 9-inch baked pie shell
6 cups strawberries, about 1½ quarts
1 cup sugar
3 tablespoons cornstarch
½ cup water
Red food color
1 3-ounce package cream cheese, softened

Prepare 9-inch baked pie shell. Cool. Mash enough berries to measure 1 cup. Stir together sugar and cornstarch. Gradually stir in water and crushed berries. Cook over medium heat, stirring constantly, until mixture thickens and boils. Boil and stir 1 minute. Stir in few drops red food color; cool.

Beat cream cheese until smooth; spread on bottom of cooled baked pie shell. Fill shell with remaining berries; pour berry mixture over top. Chill at least 3 hours or unti set.

FRUIT TART

½ cup butter or margarine
⅓ cup sugar
¼ teaspoon salt
1¾ cups unsifted all-purpose flour
2 tablespoons milk
1 package (4-serving size) vanilla pudding and pie filling
1½ cups milk
1 4-ounce container whipped topping, thawed
2 tablespoons sherry wine
2 pints strawberries, halved
1 11-ounce can mandarin orange sections, drained
1 medium banana, thinly sliced
¼ cup apricot preserves

Cream butter well with sugar and salt. Gradually blend in flour, then add milk, 1 tablespoon at a time, to form a stiff dough. Pat evenly into 12-inch pizza pan and flute rim. Bake at 400°F. for 15 to 18 minutes or until lightly browned. Cool.

Meanwhile, prepare pie filling mix as directed on package. Cool. Fold in 1 cup whipped topping and the sherry. Spread over crust and chill. Just before serving, arrange strawberries, orange sections and banana slices in decorative pattern on filling. Heat preserves to melt and brush over fruit. Garnish with remaining whipped topping and chill.

FRUIT PLATTER PIE

2 pie crusts
Clear Orange Sauce (below)
1 pint strawberries, halved
1 20-ounce can pineapple spears, drained
1½ cups seedless green grapes
1 medium banana, peeled and cut into ¼-inch slices
2 tablespoons sugar

Prepare pie pastry for 2-crust pie and roll dough 1-inch larger than 14-inch pizza pan. Ease into pan; flute edge. Prick bottom and side of pastry. Bake 8 to 10 minutes. Cool.

Prepare Clear Orange Sauce. Arrange fruits in concentric circles in baked pastry shell, beginning with strawberry halves around edge. Place reserved berries in center; sprinkle fruits with sugar. Spoon some of the orange sauce over fruits. Cut pie into wedges; serve with remaining sauce. 12-14 servings.

CLEAR ORANGE SAUCE

Mix 1 cup sugar, ¼ teaspoon salt and 2 tablespoons cornstarch. Stir in 1 cup orange juice, ¼ cup lemon juice and ¾ cup water. Cook over medium heat, stirring constantly, until mixture thickens and boils. Boil and stir 1 minute. Remove from heat. Stir in ½ teaspoon each grated orange and lemon peel. Cool.

This Strawberry Chantilly dessert looks fancy but is really quite easy to prepare.

STRAWBERRY CHANTILLY

2 sticks or 1 package pie crust mix
Granulated sugar
1 pint strawberries
2 cups chilled whipping cream
½ cup confectioners' sugar
½ teaspoon vanilla

Heat oven to 450°F. Prepare pastry for two-crust pie as directed on package, but divide dough into 6 equal parts. Roll each into 7-inch circle; trim edge evenly and place on ungreased baking sheet. Prick circles throughly; sprinkle each with granulated sugar. Bake 6 to 8 minutes. Cool.

Reserve 3 strawberries for garnish; chop remaining berries. In chilled bowl, beat cream, ½ cup confectioners' sugar and the vanilla until stiff. Fold in chopped berries. Stack circles, spreading about ¾ cup cream mixture between each. Frost top with remaining cream mixture; garnish with reserved berries. Refrigerate at least 2 hours. Makes 8 servings.

RED, WHITE AND BLUE SALAD

2 envelopes unflavored gelatin
⅓ cup sugar
Dash salt
2 cups milk
1¼ cups cottage cheese
1 8-ounce can crushed pineapple in unsweetened juice
1 teaspoon lemon peel
1 cup sliced strawberries
½ cup blueberries

Combine gelatin, sugar and salt in a 1½-quart saucepan. Stir in ½ cup milk to soften. Place over low heat, stirring constantly, until gelatin is dissolved.

Add remaining 1½ cups milk. Stir in cottage cheese, pineapple and lemon peel. Arrange a few of the strawberries and blueberries in the bottom of a 6-cup mold. Carefully spoon 1 cup of the gelatin mixture over berries; chill just until set. Arrange some strawberries and blueberries in a design against the side of the mold. Fold remaining strawberries and blueberries into remaining gelatin mixutre. Turn into mold. Chill until firm.

National Grange announces sewing contest winners

NEW YORK, NY — The nation's largest general sewing contest, sponsored by the National Grange, ended recently following national judging at the Simplicity Pattern Company in New York city. There were 45,000 entries from 38 states judged at local and state levels. First-place state winning entries were sent to New York for national judging. Both members and non-members of the Grange are eligible to compete.

Mrs. Mary Buffington, director of women's activities for the National Grange, announced the following national winners in each of four categories: Class A, adults, 1st place, Erma Lentz, Thorofare, N.J., 2nd place, Mabel Ann Gorciak, N. Wilkesboro, N.C., 3rd place, Ida Preto, Cabat, Pa. Class B, teens, Jennifer Lynn Dickey, Papillion, Neb., Carol Russell, Shawnee Mission, Kan., Betty Benedik, Lebanon, N.J; Class C, adults sewing for children, Peggy O'Day, Seaford, Dela., Peggy Meckel, New Braunfels, Tex., Wendy Swiggum, Monroe, Wis.; Class D, boys and girls, Tracee Nicholson, Corvallis, Mont.; Darla Steinman, Monroe, Wis. and Kristin Miller, Cantebury, Connecticut.

Each first place national winner receives a Singer sewing machine. First place in Class B receives a $500 scholarship from Simplicity Patterns. The first-place winners in Classes A, B and C receive an expense paid trip to the National Grange convention in Portland, Me. in November to compete for Best of Show honors and $1,000 awarded by the National Grange.

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Fix-It File Can Save You Time And Money

If you cannot remember who fixed your furnace the last time it broke down or how much it cost to replace your kitchen exhaust fan blades, you may have problems the next time you need to take care of either of these items.

A home maintenance file can help you keep track of all work done and purchases made, what each costs, and the store or service center you went to for each item or repair.

The file can also help you figure out how much to budget for maintenance or replacement in the future. Although prices may go up, you will know how much it cost the last time and will have some idea of what to expect.

Also the file can help you remember which service people to call, or not to call, the next time something needs to be repaired.

You should store warranty and "use and care" information in your home maintenance file. It is an excellent way to kee record of the model and serial numbers of your appliances.

Another tip is to file the name and type of paint you use so you can be certain to get the exact match if you have need to repaint a wall or trim.

Summer Food Safety

According to the American Council on Science and Health, foods containing mayonnaise may actually be slightly safer than similar foods without mayonnaise, because the acid in the mayonnaise slows the growth of the bacteria that cause food poisoning. Mixed foods like chicken salad probably got their bad reputation simply because they undergo a lot of handling during preparation, and this can contaminate them with bacteria.

While the "mayonnaise theory" has been shown to be a myth, food poisoning itself is no myth. Outbreaks of gastrointestinal illness caused by bacteria are common during the hot summer months, when foods may be carried to picnics without proper refrigeration.

To prevent bacterial food poisoning, the basic rule is to keep hot foods hot and cold foods cold. Perishable foods, with or without mayonnaise, may not be safe to eat if they have been held at 60° F or higher for more than three or four hours.

One practical way to keep foods safe for summer picnics is to keep them in a cooler with ice or commercial reusable cold packs until you are ready to eat. If you use ice, remember to pack the food in tight containers or plastic bags so that it does not get wet when the ice begins to melt.

If you are transporting hamburgers or other raw meat for a cookout keep them separate from other foods in your cooler. Uncooked meats contain relatively large numbers of bacteria, some of which could be harmful. The common food poisoning types of bacteria are sensitive to heat, so cooking will kill them, and make the meat safe to eat. These bacteria can cause problems if they contaminate other foods, such as salads or desserts, which will not receive further cooking before they are eaten.

F.W.S. Calendar

Monday, June 25

Lancaster Society 1 meets for a family picnic at 6:30 p.m. at Zinn's Park. They will also play miniature golf.

Tuesday, June 26

Lancaster Society 24 meets for a powder puff mechanic program by J. Mark Martin.

Thursday, June 28

Lancaster Society 11 meets for a picnic at Huffnagle Park at noon. Bring a covered dish and place setting.

Lancaster Society 26 meets at 9 a.m. for breakfast at Willow Valley then on to Strasburg Railroad.

Lancaster Society 28 meets for a first aid and CPR program by the American Red Cross.

Saturday, June 30

Lancaster Society 5 meets for a "Let's Take a Cruise" program.

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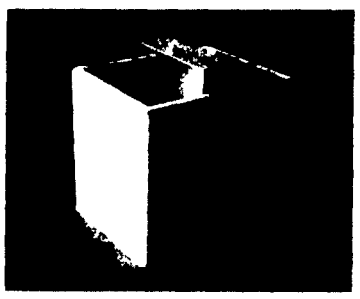

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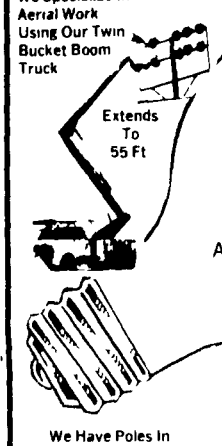

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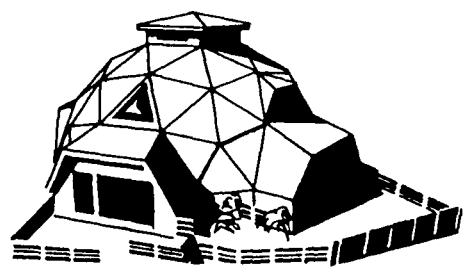

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Judy Miller wears Lancaster Dairy Princess crown

BY LAURA ENGLAND

LANCASTER — Eighteen-year-old Judy Miller, sharing her knowledge of the dairy industry and her interest in promoting dairy products, was crowned the 1984 Lancaster County Dairy Princess last Friday night.

During the pageant held June 15 at the Farm and Home Center, Lancaster, Miss Miller stressed the need for increased promotion to help solve the dairy surplus problem. She also told the audience to look towards the future with a bright attitude.

"If we have optimism and look towards the future with a bright attidude, then it will be bright," Miss Miller said. "But if we look at the future with a depressed attitude, it will be depressing."

The daughter of Mr. and Mrs. Wilbur E. Miller, R4 Manheim, Miss Miller is a graduate of Manheim Central High School. She currently works at the Clearview Diner and helps with chores on the family farm which houses a herd of 30 Holsteins. She is a member of the West Green Tree Youth Group.

To earn the dairy princess title, Miss Miller competed against two other contestants. All three were interviewed, presented a 30-second radio spot to the audience and answered impromtu questions about milk and the dairy industry. For her 30-second spot, Miss Miller presented the following:

There once was a Holstein named Charm
Who lived on a Lancaster Farm.
She was the top producer of this farm's herd,
Producing 100 pounds a day without a word.
The milk she produced was filled with nutrition,
Containing vitamins and minerals - nothin' is missin'.
Calcium and phosphorus are just a few,
That give us healthy teeth and strong bones, too!
Filled with Vitamins A, D, E and K,
Milk at breakfast starts a perfect day.
Riboflavin and thiamin are also a part,
Using dairy products often would be smart.
The proteins in milk are essential to us,
Nourishing the blood and tissue, which is a must.
Milk also contains milk sugar called carbohydrates,
That give us quick energy and strength to lift weights.
The fat in milk is important for flavor,
And aids in digestion, so do me a favor.
The next time you're hungry and need somethin' to please,
Have some milk, ice cream or cheese.
For the weight conscious person, there is plenty for you.
There's skim milk and yogurt and cottage cheese, too.
So the next time you go to your local dairy store,
Pick up some milk, 'cause Milk has More!

A pewter pitcher, sponsored by Lancaster Farming, is gift to new Lancaster County Dairy Princess.

Miss Miller received her crown and banner from 1983 Lancaster County Dairy Princess Boni Gochenaur. Miss Gochenaur also presented alternate dairy princess banners to both Sarah Arrowsmith, 16, the daughter of Mr. and Mrs. William Arrowsmith of Peach Bottom, and Kris Esbenshade, 17, the daughter of Mr. and Mrs. Fred Esbenshade of Quarryville.

In other honors, Miss Arrowsmith was voted by the other contestants as Miss Congeniality.

Judging the contest were Jane Pepple of Pep-L-Lea Holsteins; Ernest Miller, a dairy farmer; and Donald Welk, director of sales for Weaver Poultry.

Following the pageant, the several hundred guests were treated to ice cream sundaes, donated by area businesses.

Lancaster County's new milk promotion team consists of, from left, Alternate Dairy Princess Sarah Arrowsmith, 1984 Lancaster County Dairy Princess Judy Miller, 1983 Lancaster County Dairy Princess Boni Gochenaur and Alternate Dairy Princess Kris Esbenshade.

It's a milk toast to health for, from left, John Barley, 1984 Alternate Dairy Princess Kris Esbenshade, 1984 Lancaster County Dairy Princess Judy Miller, Alternate Dairy Princess Sarah Arrowsmith and 1983 Lancaster County Dairy Princess Boni Gochenaur.

Lebanon County's 1983 alternate princess captures 1984 crown

Newly-crowned Lebanon County dairy princess Ellen Hanson and her alternate dairy princess Ann Lansberry pose with other dairy princess contestants following the pageant Saturday evening. The other contestants from left were Diane Gish, Heather Hernley and Heidi Peiffer.

BY SUZANNE KEENE

LEBANON — Ellen Hanson traded in her alternate dairy princess title for the 1984 Lebanon County dairy princess crown last Saturday evening in the Annville Elementary School. For the past year, Ellen has acted as Lebanon County's alternate dairy princess, and this year she will continue to promote Lebanon's dairy industry as their new dairy princess.

Ann Lansberry, the 16-year-old daughter of Mr. and Mrs. Donald Lansberry, 430 N. Mine Road, Lebanon, will replace Ellen as the alternate dairy princess.

The new princess is the 17-year-old daughter of Mr. and Mrs. J. Ivan Hanson, R2 Palmyra. Ellen is a recent graduate of Palmyra High School and attended the Lebanon County Vo-Tech School.

A member of the NoSoAnn 4-H Dairy Club, the Lebanon County 4-H Livestock Club and the Vo-Tech FFA Chapter, Ellen also serves as president of the South Mountain 4-H Club.

She is also active in the the Palmyra Curch of the Brethren youth group. Ellen's future plans could include attending college to study horticulture and dairy herd management. Her parents have a herd of 25 Holstein and Jersey cows on their farm.

During an on-stage interview, Ellen said her responsibilities on the farm include milking, unloading hay, and helping wherever she is needed. Her goals, she said, include owning a dairy farm and maybe a greenhouse as well.

For her milk promotion presentation, Ellen had a talk with her invisible, magic cow, who told the audience, through Ellen, how dairy products and imitation dairy products differ and why it is important to choose dairy products carrying the Real Seal.

When master of ceremonies Lloyd Early, an Agway salesaman, asked alternate dairy princess Ann why she wanted to be dairy princess, she responded that milk is an important part of everyone's daily life and she would like to encourage people to drink it.

Her second interview question asked how she became involved in dairying since she was raised on a horse farm. She said that she has always visited the dairy farm behind her home and won a calf through FFA.

For her promotional presen-

(Turn to Page B16)

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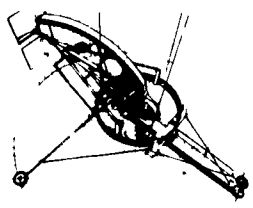

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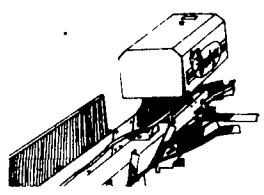

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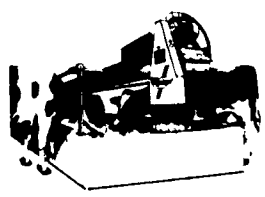

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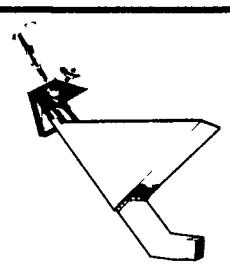

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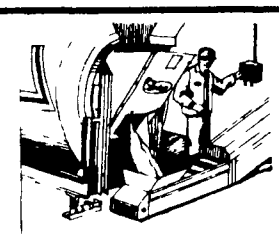

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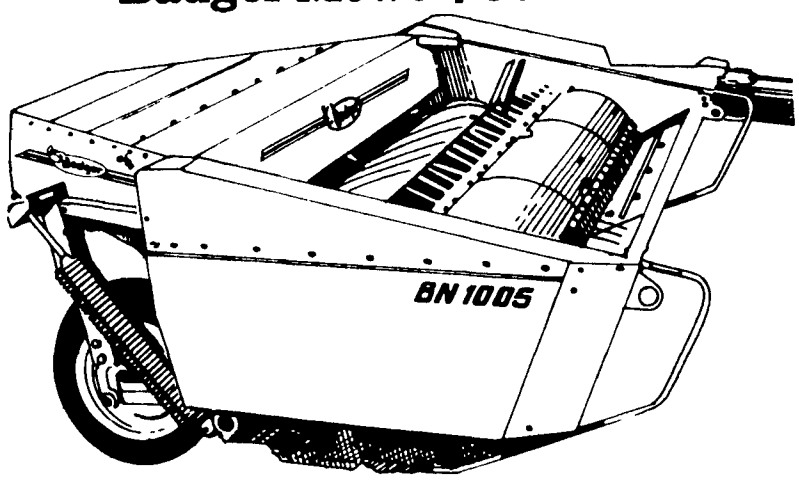

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Lebanon dairy princess

(Continued from Page B14)

tation, Ann dressed in a sweat shirt and baseball cap to tell people why she drinks milk. Glancing over the ingredients on the milk carton, she found no caffeine or artificial flavors - just plain milk. With this in mind, she concluded that milk is something that is good for her. Because her mother knows this, Ann said, she allows her to drink as much milk as she wants.

Ann recently completed her junior year at Cedar Crest High School where she was active in the German Club, Astronomy Club and Explorers.

She was also vice president of the Cedar Crest FFA Chapter, and will be reporter in the coming year.

In county FFA Ann served as secretary during her junior year. Additional activities include membership in the 4-H equestrian Horse Club and in St. Andrew's Presbyterian Church. Ann owns two Holstein dairy cattle and is employed on the dairy farm of James Berry.

Other contestants vying for the crown were Diane Gish, the 17-year-old daughter of Mr. and Mrs. J. Edgar Gish, Jr., 1910 Water St. Lebanon; Heather Hernley, the 18-year-old daughter of Mr. and Mrs. Delmas Hernley, R2 Lebanon; and Heidi Peiffer, the 18-year-old daugher of Mr. and Mrs. Ammon Peiffer, 324 N. Mill St., Lebanon.

In her farewell speech, 1983 Lebanon County dairy princess Ann Burkholder told the contestants, "It's not always an easy task, but it's a lot of fun."

She urged the girl who would win to take pride in being princess and to do the best job possible.

Judges for the contest were Ralph Heffner, Pine Grove, who is a dairy farmer and an Agway district director; Kathy King, Delta, who is a farm wife; and Arline Sarley, Lebanon, who is an home economist and a former county dairy princess in Ohio.

Crawford Co. to crown dairy princess

MEADVILLE — Crawford County is planning a Farm-City Day on June 30 and will crown the county's 1984 dairy princess later in the day.

The Farm-City events are open to the public beginning at noon and will continue through the afternoon hours with the dairy princess pageant to begin at 8 p.m.

The day's activities will include wagon tours, milking demonstrations, sheep shearing, displays and demonstrations, and a barn dance.

The host farm for the event, Open Acre Farm, is owned by Joseph and Charlotte Urbanick and sons. THe farm is located on Steamburg Road about three miles west of Conneautville. Prominant signs will point the way.

Fulton Grange observes dairy month

Fulton Grange No. 66 observed June dairy month by making homemade ice cream at its regular meeting on June 11.

The group honored Anna Jane Glisson of Quarryville with the Community Citizen Award. Mrs. Glisson, a former Quarryville area farmwife, is currently employed in the Weaver Insurance Agency office. She is the wife of Richard Glisson and the mother of two children, Jeffrey and Nancy.

In addition to being a homemaker, Mrs. Glisson finds time to help with garden chores and is an active member of the Mechanics Grove Church of the Brethren. She is a member of the Quarryville Boro Council, a director of the Southern Lancaster County Community Fair Association, presently serving on the nominating committee.

George Lamborn, a member of the Fulton Grange and of the Chester County Milk Promotion Board, spoke on the dairy industry, stressing milk promotion and the importance of using milk and milk products.

Everett Kreider told about the Pennsylvania State Grange's milk promotion of giving $10 tips to restaurant waitresses who promote milk sales.

Mrs. Frey of Frey's Flowers and Gifts of Quarryville will speak at the next meeting on June 25.

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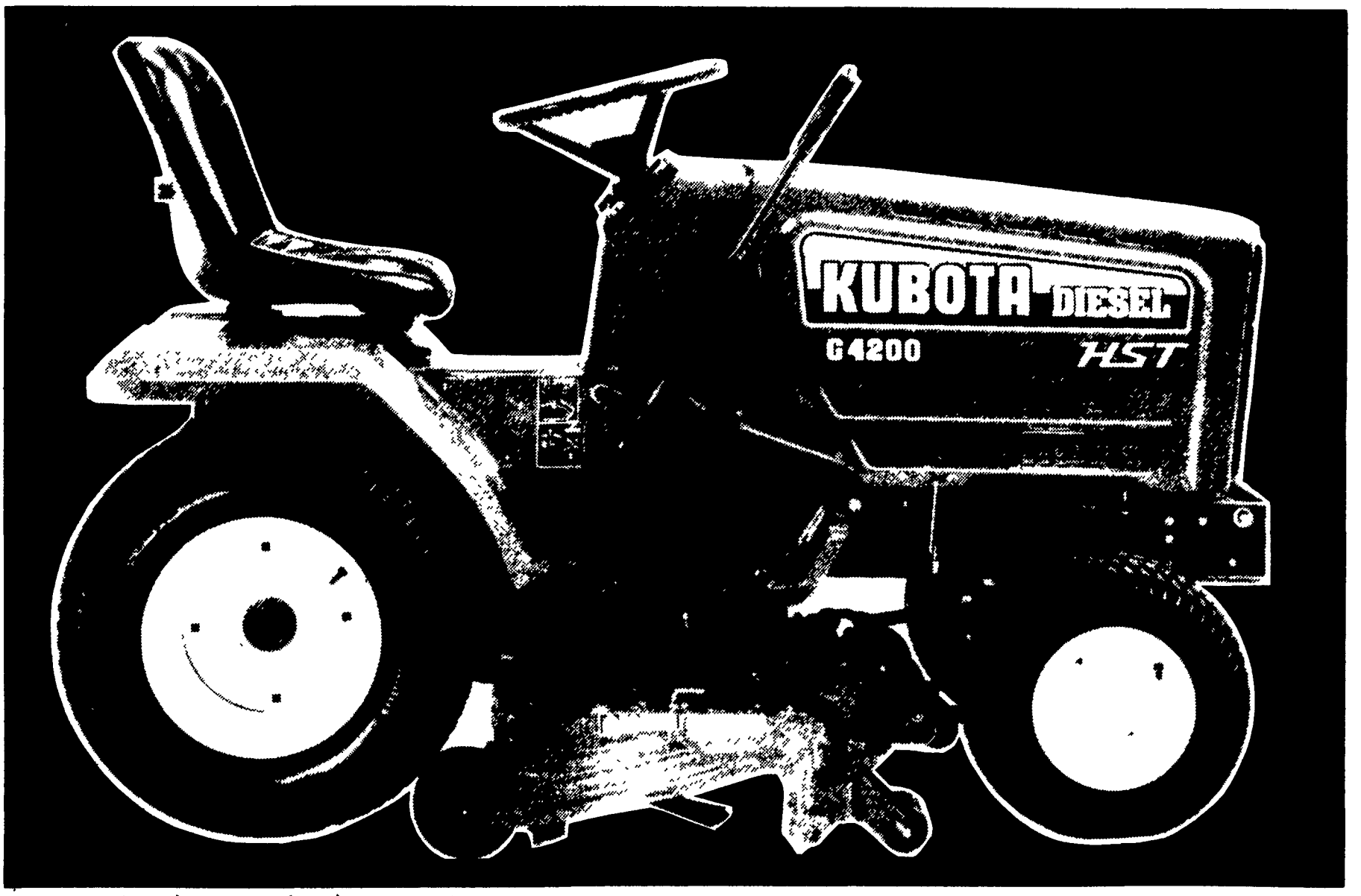

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Prepare games and snacks for long car trips this summer

BY SUZANNE KEENE

LANCASTER — When packing for vacation this summer, don't forget that your little ones find car rides boring when they last longer than a quick trip to the local grocery store.

To help avoid woeful cries of "Aren't we there yet?" and "Mommy, I'm hungry. When do we eat?" take a few minutes to plan and pack some games and snacks for your children. A little preparation should make the ride more enjoyable for eveyone. Mom and dad will be able to spend more time enjoying the sights and less time breaking up the arguments that result when kids get bored.

Donna Markley, a housewife and mother from Elizabethtown, said she has taught her three children, aged two, five and 10, to play pinch bug during trips. The game involves spotting Volkswagon bugs. The first one to see a bug calls out "pinch bug" followed by the color of the car. For example if a child spots a green Volkswagon beetle, he says "pinch bug green" and receives a point. The person who gets the most points wins the game, but most likely no one will remember how many points they have. The fun lies in spotting the cars.

Donna said that although her two-year-old, Jesse, is really too young to play the game, he has fun trying.

Mt. Joy homemaker Helen Miller said she entertains her two children by playing alphabet and number games. The children look for letters in the alphabet, starting with A and working toward Z, on road signs and license plates. The same type of game can be played with numbers.

Helen said she has found that "Traffic Safety Bingo" by Regal Games is another good travel entertainer. The game involves searching for road signs, such as hospital signs, railroad signs, yield sings and slippery when wet signs.

"I know Matthew (her five-year-old son) has learned an awful lot through this," Helen said. "I think it's very helpful."

Sandy Little of Lancaster has also found that alphabet games are good travel entertainment. She said she also packs a tablet and crayons, a bag of books and some favorite toys for her three-year-old when she travels. Between the toys and the games, she said, her daughter, Alexis, stayed entertained during a recent four-hour car trip.

Denise Koser, a nurse and mother from Elizabethtown, has a few other ideas to keep children entertained in the car. She said she plays "I'm going on a trip" with her two-year-old daughter Carolyn. A version of an alphabet game, this game involves naming things you would take on a trip that begin with each letter of the alphabet. Two or more people can play the game, with the first person naming something he would take on a trip that starts with the letter A. The second person then repeats that item and says something that begins with the letter B. For example, person number one would say, "I'm going on a trip and I'm taking an alarm clock." The next player would say "I'm going on a trip and I'm taking an alarm clock and a ball." The game continues until the players reach the end of the alphabet.

Another fun car game for little ones is "Duck your head for the bridge." In this simple, but fun game, the children duck their heads every time the car travels under a bridge "to avoid hitting their head on the bridge." Denise said her daughter enjoys the game and rarely misses a bridge.

"It gives them something to look for,"she said. "It keeps them occupied."

During a long trip to the shore last summer, Denise said she kept Carolyn busy with a small bag of inexpensive plastic animals which she had purchased specifically for the trip. Each time Carolyn showed signs of boredom, Denise pulled a new animal out of the bag.

Toy stores offer a variety of travel games for children. Elaine Barr, from the Toy Barr in Lancaster's Park City Shopping Center, said the Toy Barr stocks a line of "Little Thinker Tapes" for use in the car's tape deck. The tapes include songs and stories about a variety of topics, including safety, dinosaurs, music and famous places. The tapes come with drawing utensils, and the tapes urge the children to draw pictures to illustrate the stories.

Extended car trips can be boring for children. To help keep your children happy during vacation time this summer, plan ahead by preparing some games and snacks for them.

"They're fabulous," Mrs. Barr said.

Magnetic puzzles are a good travel toy, Mrs. Barr continued. "If you have a younger child, they can play with these in the car and not worry about losing the pieces."

The Toy Barr also has a selection of Golden Books, coloring books, sticker albums, magnetic board games and trivia books to keep kids entertained.

When it comes to selecting travel toys, she said, "It's an individual choice."

Snacks are also important when making long car trips, because eating schedules during trips often differ from those at at home. To silent tiny, growling tummies, Donna Markley said she packs tangarines or oranges, peeled and sectioned in Tupperware containers. Other fruits that work well in the car include raisins and apples that are pared and cored.

Sandy Little agreed that fruits make good car snacks, but said that she also packs a box of animal crackers and some sip-ups. Helen Miller added crackers and dry cereal to the growing list of nutritious hunger stoppers.

Lancaster Extension Home Economist Michelle Rodgerrs said fruit leather is another good car treat, because it keeps well is isn't messy. Michelle's recipe for fruit leather is this week's featured recipe.

By adopting a some of these ideas and adding a few of your own, you should be well-prepared for your next trip. When the children start arguing and fussing, you'll be prepared with a game to ease their boredom or a snack to satisfy their hunger.

BACK HOME

By Michelle S. Rodgers

Lancaster Extension Home Economist

Memories

Summertime "back home" meant baling hay, swimming in the creek, camping, ice tea with lots of lemon and visiting grandparents.

I grew up with my paternal grandparents and great grandmother. They lived at the "upper place" as the house and barn on the northern end of the farm were called. Visiting them was almost a daily occurance. However, my maternal grandparents live in the southern end of the county and we did not see them as often. As a child, traveling the forty-five minutes to Quarryville seemed like driving to another state.

I have fond memories of visiting with Grammy and Grandpap on their steer farm. Two of us grandchildren were allowed to visit at one time for about a week. Highlights of the visits included watching Grammy oil paint, getting a free soda from Grandpa's soda machine, sitting on the combine, and attending their big church on Sunday. And best of all was the time spent cleaning out the four foot long fish pond, choosing and buying new goldfish for the pond.

Grandparents do enrich childrens' lives. (My grandparents are still a vital, enriching source of my life.) Grandparents elicit feelings of security and love. They provide opportunities to bridge the gap between past and present and tie the family together. They serve as role models of both values and philosphies of life gained through years of living.

Sending your children to visit their grandparents may be a part of your summer plans. This visit can be a positive and memorable experience. To ensure that it is a happy time for everyone involved it is best to discuss and agree on some plans in advance.

The rules of the grandparent's home need to be openly discussed. Every home is unique, and parents and grandparents may run their households differently. (I always enjoyed the later bedtime hour at Grammy's.)

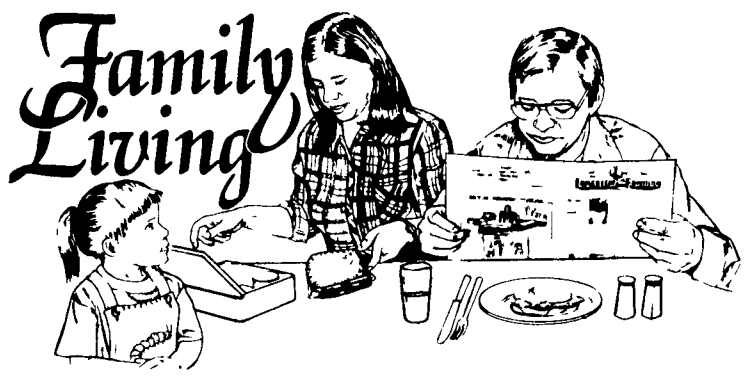
Sometimes grandparents like to plan special activities to do during the visit. Spacing out the activities will do both parties a favor. Balance out special activities with normal, at-home activities. Neither grandparent or child enjoy the pace of big, special events everyday. Regardless of the activities, try to maintain some of the child's daily routine such as mealtime and bedtime.

Some ideas of things to do at home might include playing board games, reading books together, or looking at family photo albums. I always enjoyed listening to stories about my mother's childhood... especially the story about her dropping all the eggs she had gathered.

It is not a bad idea to list the things your child likes to do or places he or she likes to go to help grandparents become familiar with your child's normal activities. And don't forget to discuss the length of the visit ahead of time! Whether you set a definite date of return or a flexible schedule, ending the visit while everyone is still having a good time is a good rule of thumb.

Grandparents do make a difference in our lives... no matter what age we are as a grandchild!

For more information about family life education programs, contact the Penn State Extension office, an equal opportunity educational organization.



What to do when horseplay turns to violence

LAFAYETTE, In. — "Who started the trouble?"

"He hit me first!"

"No! He hit me first!"

"Well, he knocked me in the back!"

"No I didn't! It was an accident!"

The more a parent tries to play the role of judge in a fight, the more confusing the situation becomes, reminds Growing Up, the child development newsletter about school-age children. There are more worthwhile and important things parents can do when a child is engaged in a vigorous wrestling match with a playmate or sibling.

First, realize that vigorous physical activity is normal, particularly in boys. As bodies grow and develop, muscles become stronger. Children love to experience strength and to experiment to find out what their bodies can do.

What appears to an adult to be fighting may be a form of social interaction to the child — a way of making friends.

But be observant. If a child appears to initiate real fighting behavior often, he may need help to learn other appropriate ways to handle situations.

Limits sometimes need to be set on physical rough-housing since children may not be aware of their own strength and the damage they may cause either to themselves or to others. There are several effective ways a parent can deal with fighting behavior when it needs to be controlled.

• Early intervention. Before a situation gets out of hand, a mild correction is usually enough.

• Group punishment. When a group of children is involved in fighting, it is usually best to have all of them suffer the same con-

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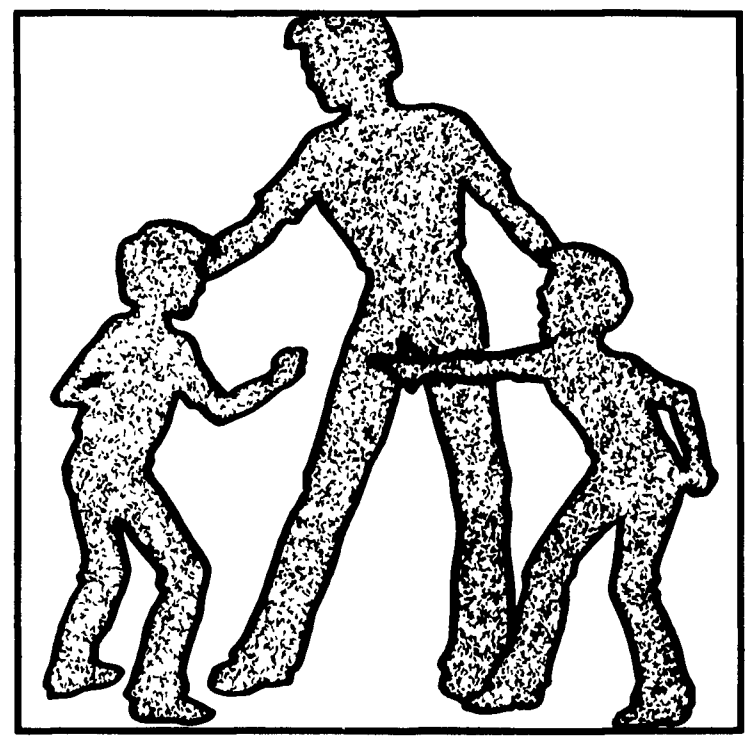


Three to compete for Huntingdon Co. dairy princess title

NEFFS MILLS — Huntingdon County Dairy Princess, Jennifer Davis, the daughter of Harold and Clara Grace Davis of R2 Huntingdon will crown her successor on June 23 at 8 p.m. in the Shavers Creek Community building, Neffs Mills.

Competing for the title are:

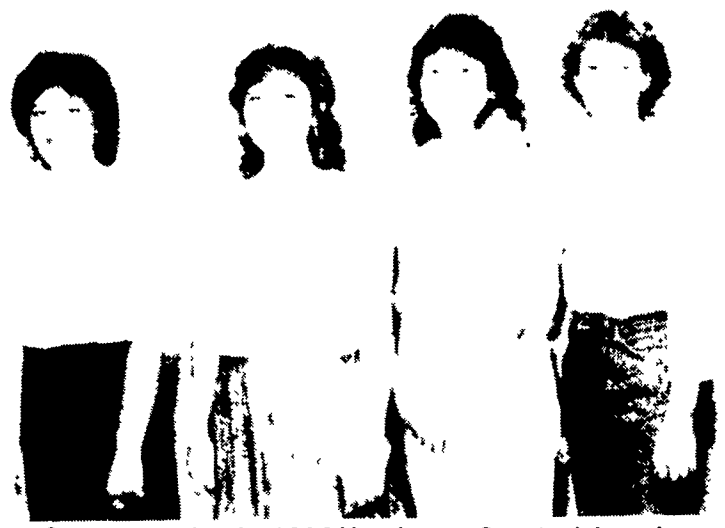
Leslie Colpetzer, 16-year-old daughter of Raymond and Bonnie Colpetzer of R4 Tyrone. Leslie will be a senior at Tyrone Area High School, where she is majoring in marketing and distributive education. Her activities include powerpuff football, girls softball, and church youth group. She is employed at Camp Kanesatake.

Brenda Hall, 18-year-old daughter of Savannah and Raymond Hall of R3, Huntingdon. Brenda is a graduate of Huntingdon Area High School and attends Altoona School of Commerce majoring in the executive secretary course. Her activities include marching and concert band, county band, local 4-H club, county 4-H dairy club, dairy promotion committee, Sunday school assistant superintendent of C. & M. A., and Bible school teacher.

Mary Ann Keith, 16-year-old daughter of Harry D. and K. Joan Keith of Entriken. Mary Ann is a senior at Huntingdon Area High School majoring in nursing. Her activities include majorette, concert band, county band, majorette club, National Honor Society, presidential classroom, track, photographer for yearbook, and newspaper, church youth group, choir and assistant pianist. She is also president and junior leader of Woodcock Valley 4-H Club and County Council, secretary of rec. team, 1984 Region F Grange Princess, and local legislative chairman.

The girls, their mothers and committee members were guests at an orientation hosted by the reigning princess and her mother in their home. Miss Davis shared her scrapbook and her experiences the past year. Jennifer told the girls to expect to meet a lot of new people and make a lot of new friends. The year, she said, was a busy and rewarding one. Vera Foster, Dairy Princess Committee chairman reviewed the program for the pagent while Mrs. David served Banana Split Cake, a recipe from "Dairy-Licious", Huntingdon County dairy promotion's new cookbook.

The corination will be held at 8 p.m. following the Huntingdon County Holstein Club Picnic. Rob Schrack, a local realtor and auctioneer will serve as master of ceremonies for the event. All friends and supporters of the dairy industry are invited to attend.



Contestants for the 1984 Huntington County dairy princess title pose with 1983 dairy princess Jennifer Davis. From left are Brenda Hall, Jennifer Davis, Leslie Colpetzer, and Mary Ann Keith.

Horseplay

(Continued from Page B18)

sequences. To single out the ring leader often makes that person a "hero." The most effective form of group punishment for over-aggressive behavior is usually loss of a privilege (no television or no treat).

• Organized activity. Supervised activities such as sporting events help channel activities while promoting cooperation, healthy competition, and belonging to a group.

Children are bundles of boundless energy. Adults will do well to channel that energy in positive channels (running, bike riding) before fighting becomes an issue.

York Conservation District offers camp scholarships

YORK — The York County Conservation District is offering two scholarships to this summer's County Conservation Camp. The camp will be held between 8 a.m. and 5 p.m. each day August 13-17 at the Izaak Walton grounds near Dallastown.

Campers will learn about good conservation practices in the areas of water, wildlife, soil and energy, and outdoor skills such as flytying and using a map and compass. The camp is open to young people ages 12-15.

For more information about the Conservation District scholarships, call Kathy Heffernan at 755-0406. An application and letter of recommendation must be in the conservation district office by June 28th.

Extension to test pressure gauges

NEWARK, Del. — The New Castle County Cooperative Extension Service will be testing pressure canner gauges on Thursday, June 21. All dial-type and weight with sliding core gauges should be tested each year for their accuracy.

This testing on Thursday will be at Townsend Hall on the University of Delaware campus, across from the Chrysler plant from 9 a.m. until noon.

The testing is free and available to all without regard to race, color, sex, handicap, age, or national origin.

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Tioga Co. dairy princess crowned during Dairy Day festivities

MANSFIELD — The second annual Dairy Day festivities ended Saturday June 2, at Mansfield High school with Deanna Egli being crowned the 1984 Tioga County Dairy Princess.

Deanna is the daughter of Mr. and Mrs. Ray O. Egli, Jr. of R1 Roaring Branch. She is a junior at Canton Area High school. Her school and community activities include varsity cheerleading, Canton High School Marching Warrior Band and concert band, American Field Service, 4-H, State FFA band, YEA, softball and Future Farmers of America, where she was recently elected chapter president. After completing her senior year of high school, she plans to attend St. Joseph's School of Nursing in Elmira, New York.

Brenda Robson, daughter of Mr. and Mrs. Harold Robson, Jr. of R2 Mansfield, and Sherri Webster daughter of Mr. and Mrs. James Webster of R1, Osceola were named dairy princess alternates.

Deanna will attend a training seminar at Lycoming College in July and then the state pageant at the Mariott Inn, Harrisburg, in September. She will represent her county at many local events, parades, shows, and will give programs and presentations at meetings and schools for the promotion of milk and dairy products throughout the upcoming year.

During Dairy Day the contestants participated in the parade, and in a milking contest where they each milked by hand for one minute. Sherri Webster came out the winner in this event with the most milk. During the afternoon the girls had interviews with the judges, who were Donna Baker of Camillus, New York, a former New Jersey state dairy princess, and dairy princess coordinator; Bill Douglas of Canajoharie, New York, NEDCO director of education; and Viola Metzger of Canton, Pa., former Bradford County dairy princess and farmwife.

Before the pageant the contestants, their families, judges and committee attended a buffet dinner at the Mark's Brothers Restaurant, Mansfield.

At the pageant, Master of Ceremonies, Jack Rieppel of Mansfield, interviewed each of the contestants, asking them for their favorite part of Dairy Day and a question pertaining to the milk industry. Each contestant also presented a talk on dairy promotion. Entertainment for the evening was the Mansfield Men's Chorus.

Other events for the day were a chicken barbeque furnished by the Mansfield Lions Club, a petting zoo by the Junior Holstein Club, advisors Bud and Leona Robson, including pigs, rabbits, chickens, turkey, lamb, calves and more. In the cow milking contest Dean McKay of Roseville took first place in the adult division and Willy Wilcox of Coving won first place in the junior division.

A 4-H "slave" auction was held during which 22 Tioga County personalities were auctioned over the block to the highest bidders to serve as their slave for a day to do your work, your hours on a mutually agreeable date. The event raised $1,181 for a 4-H exchange trip with Trinidad and Tobago.

Other events included a barbed wire splicing contest, ice cream eating contest, wheelbarrow race, calf pail race, and cow coloring contest.

A 10 kilometer race had started the day. Chris Ludy of Horseheads, New York was the overall winner coming in with a time of 33.44. Overall female winner was Sue Maynard of Towanda with a time of 44.15.

Deanna Egli, Tioga County's 1984 dairy princess, will represent the county's milk industry in the coming year.

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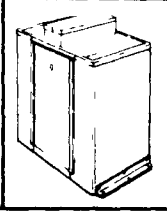

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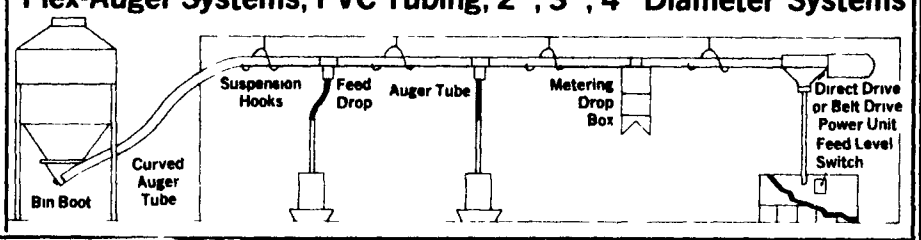

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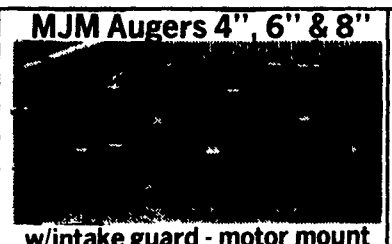

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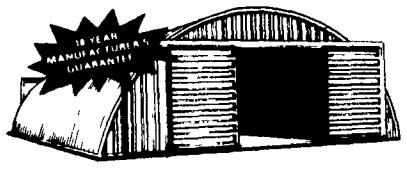

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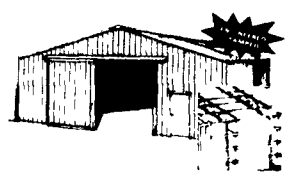

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Dauphin Co. dairy princess crown stays in family

1984 Dauphin County dairy princess April Lafferty, (right) was recently crowned by her sister, Faith (center) who was last year's dairy princess. This year's alternate dairy princess, Sharon Lesher, stands to the left.

ELIZABETHVILLE — April Lafferty kept the Dauphin County dairy princess crown and banner in the family during ceremonies in Elizabethville over Memorial Day weekend. April was crowned by her sister Faith, the 1983-84 Dauphin County dairy princess. Sharon Lesher, R1 Lykens, was named alternate dairy princess.

April is the 17-year-old daughter of Mr. and Mrs. James Lafferty, R1 Lykens. She will be a senior at Upper Dauphin Area High School in the fall. Her school activities include the yearbook staff, National Honor Society, softball and school musicals. She has also received a U.S. Achievement Academy Art Award. April is also active in the Upper Dauphin 4-H Dairy Club, Upper Dauphin Sheep and Goat Club, and the 4-H Exchange Club.

Alternate Dairy Princess, Sharon Lesher, is the 16-year-old daughter of Mr. and Mrs. John Lesher. She attends Upper Dauphin Area High School where she will be a senior this fall. Sharon has been active in dairy 4-H, 4-H exchanges and was a teen leader for a 4-H clown club.

The pageant was the highlight of an ice cream promotion at Kocher's IGA in Elizabethville. A special treat for those present was a special version of "Old MacDonald Had A Farm" sung by the Earl Campbell family R1 Lykens. Faith Lafferty bid farewell to her year-long reign as Dauphin County Dairy Princess:

Judges for the pageant were Mr. Harold Holt, county extension director in Snyder County and Mrs. Sue Beshore, former dairy promotion director for the Atlantic Dairy Association from New Cumberland, Pennsylvania.

Grange leadership conference slated

HARRISBURG — A leadership training conference for local Grange officers and members will be held June 22-24 at the Juniata College campus in Huntingdon County.

More than 300 members from throughout the state are expected to convene for a series of educational workshops to prepare them for the offices they hold in their local granges.

Among the workshops planned for members are sessions on volunteering, conducting grange meetings, developing legislative policy, and maintaining a positive self-image. Special workshops targeted are for offices in the Grange.

Woodrow Tucker of Rhode Island, High Priest of Demeter for the National Grange, will be the keynote speaker at a banquet on Saturday night. Tucker heads the fraternal work of the organization at the national level and will address the group on ritualism and other fraternal aspects of the grange organization.

Awards will be presented during the banquet for the State Grange sewing contest.

While at the college, members also will enjoy various summer recreational activities.

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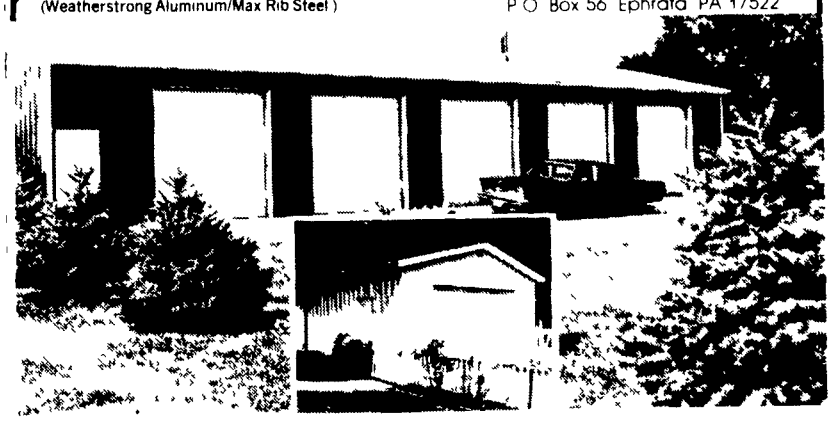

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Horsewoman rides 100 hours to benefit the handicapped

BY ROBIN PHILLIPS
Staff Correspondent

SHARTLESVILLE — The Rajah Mounted Patrol, the horse unit of the Rajah Shrine Temple, Reading, uses the slogan, "We ride so that crippled children may someday walk." Since 1978 they have been sponsoring a horse show each year for the benefit of crippled children. With this slogan and this purpose, Paulette Stoudt has pledged her help to handicapped children. She staged her third attempt at achieving the world record in endurance riding during a Shriner's weekend extravaganza to benefit crippled children.

You might have seen her if you attended the festivities in Shartlesville this past weekend at the Mountain Springs Camping and Riding Resort, about one mile off of I-78, Shartlesville. The events included a donkey basketball game, country music each night, therapeutic riding demonstrations, canine corps and drill team demonstrations, a pig roast, and the annual horse show, which concluded the weekend on Sunday.

Paulette began her endurance test on Wednesday, June 13th at 6 a.m. and concluded with a total time of 100 hours and ten minutes in the saddle on Sunday morning at 10:10. She did it, and volunteers who were on hand to officiate and verify the times for the Guinness Book of World Records, were ready with the champagne.

So, what's so great about this? Why would she want to do this? You are probably asking these questions.

Twenty-three-year-old Paulette hails from R1 Mohnton.

An accomplished horse show judge and well known for her ability to train and show horses, Paulette relates how she perceived this idea of endurance.

"I saw a girl walking in and out of a door for 12 hours," she states about a television show about Guinness world records. "That's really stupid, I thought," Paulette remembers. "I wanted to do something that's real endurance, to benefit something," she said.

Soon after this, Paulette decided to try for the Guinness world record in horsemanship endurance. It was in June of 1980, when Paulette set her first record of 58 hours and 15 minutes, to make the Guinness Book of World Records. Proceeds from this ride went to the Animal Rescue League of Berks County. In 1981 Mick Grealy, of Australia rode for 62 hours and broke her record. In 1982, Paulette rode again and surpassed all previous records with 67 hours.

Proceeds from this ride went to Pegasus Wings, a therapeutic riding group for the handicapped, and the National Foundation for Happy Horsemanship, Inc. This record was also broken by two girls from Washington who rode for 70 hours.

"This is probably the hardest thing I have done in my life," Paulette states. "I feel strongly about what I am doing," she says. Paulette says that she wants people to realize what it means for handicapped people to ride, and this is her way of bringing handicapped riding to the public's attention.

Several years ago Paulette had the fortune to meet one of the people responsible for introducing handicapped riding in the United States. She also got to know several handicapped riders and saw the emotional and physical benefits that horseback riding gave to these children. Since then her record-breaking attempts have been for their benefit.

During each ride, Paulette asks for donations for these children. She also states that wheel chair ramps, equipment, tack, horses, and feed, are needed. The local group based in Boyertown is trying to get their own place with an indoor ring and appreciates all donations.

For this attempt, Paulette asks that the donations be sent to the Easter Seals Therapeutic Horseback Riding Program. Donations can still be given and interested people can contact John Gancar, Easter Seals, Reading, Pa. at 215-775-1431.

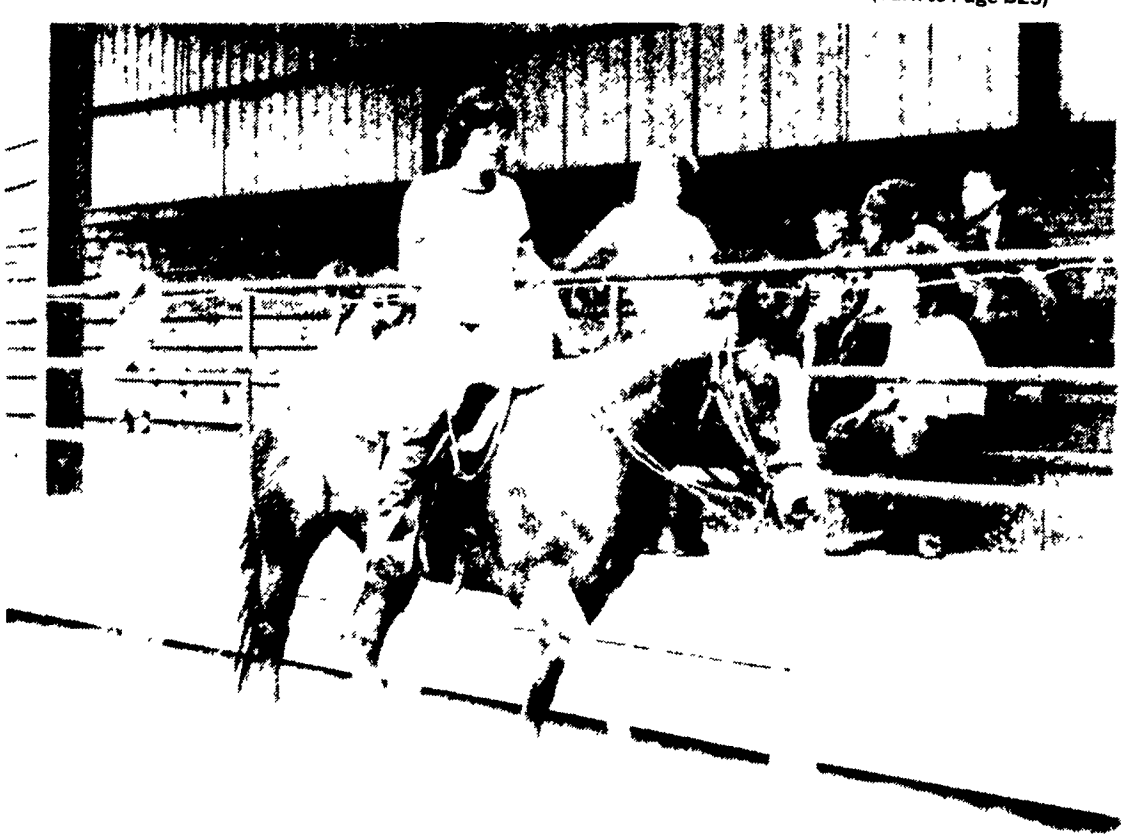
Paulette had to walk, trot, canter, gallop, and jump three hurdles no less than three feet high every three hours to achieve the record. After every three hour interval, she was allowed a 15-minute break. The different paces of the ride were all timed in five, ten, and 15 minute intervals by volunteer timers, around the clock. The attempt involved over ten horses and 50 people. While some people walked with her and talked to her during her attempt, others manned the clocks, log books, and entertainment during the ride. All the entertainment was donated and the proceeds benefit the Easter Seals handicapped riding program.

Riding has been helpful emotionally and physically for the handicapped. It strengthens weakened muscles, coordinates limbs and trunk movements, and gives an emotional boost when it is really needed.

(Turn to Page B23)

This photo was taken in 1982 after Paulette finished her 67 hour ride with Eric, a handicapped friend who rode the last three hours with her. Eric came to see Paulette in Shartlesville and although he was still in braces, he could walk to her.

Most of the manpower for this attempt was supplied by volunteers from the Rajah Mounted Patrol. Local people also gave their time and support in helping Paulette achieve her goal. These volunteers were keeping the time records which they had to sign for verification. Smith and Sallie Mase, Hamburg, gave their support each day. Donna Delong, R1 Hamburg, right, walked among the spectators to gather signatures for witness verification.



Here Paulette is on a five-minute trot. Spectators stopped by constantly for the entertainment and to see Paulette try to break her record.

Paulette and her horse stand with Bobby Paul after taking a few seconds to drink some juice. She says she eats on the horse and likes to brush her teeth on horseback at night to keep awake. Bobby, Paulette's fiance, was with her most of the time and usually road or walked alongside her.

Horsewoman rides for handicapped

(Continued from Page B22)

"There is a definate freedom in riding," Paulette states. "After seeing what they (the riding program instructors and horses) did and how it helped, I found out how much it was needed," she says. "If they can use the horse to benefit these people, then I'm willing to help them," she adds.

After riding for 35 hours, Paulette looked exhausted. She had ridden through a severe wind and thunderstorm in the area the night before. Her eyes had swelled shut from the dust in the arena during the storm. To cool herself during the hot, humid days and nights, Paulette poured buckets of water over herself. She experienced changes in temperatures that would cause anyone to become sick. At this time, she was trying to overcome severe leg cramps that had caused the muscles in her thighs to swell and were very painful.

"I just won't quit," she said when asked if she was going to make her 100 hour goal.

Paulette's fiance, Bobby Paul, confessed that this attempt to break the record was his idea.

"I guess it's kinda my fault," he said. When Paul heard about the Rajah Shrine Mounted Patrol and their attempts to raise money for the handicapped, he approached them with this idea for Paulette to lend her support.

"I thought, should we do another one?" said Bobby Paul, Paulette's standby throughout the ordeal. "It takes a lot out of her," he adds.

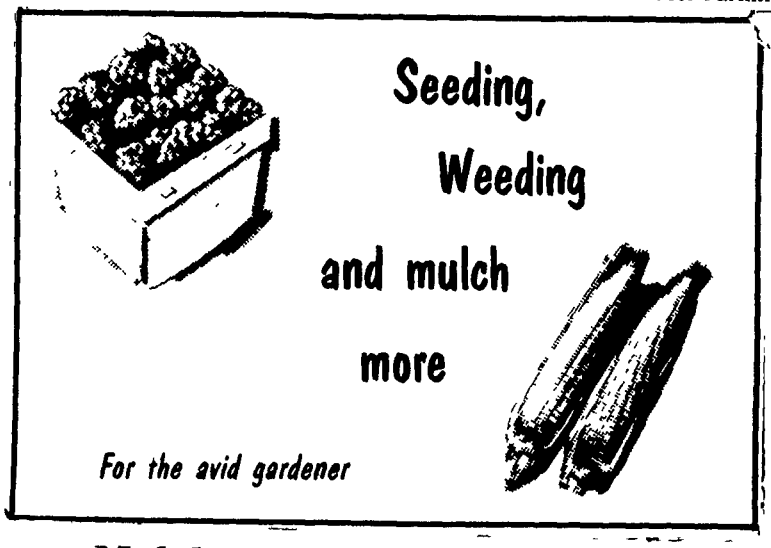
Paulette says, "that's the hard part, I know what's coming," referring to her previous attempts.

But this pair was serious about using the ride to benefit handicapped children. Paulette stressed that crippled children and the handicapped riding program needs help. She said that riding teaches the handicapped balance, increases the range of joint movements, and helps the mentally retarded in their concentration.

One of the highlights of this attempt for Paulette was a visit from a young friend of hers. In 1982, at the end of her second record-breaking ride to benefit the handicapped riding program, Paulette was brought a crippled four-year-old boy in braces. He asked her if he could ride the last three-hour interval with her. Together, Paulette and her new friend, Eric, finished that 1982 ride. On Wednesday, June 13th, sometime after Paulette had begun this try, Eric showed up in Shartlesville. Paulette did not know that he was coming and she had not seen him for a long time. What made her almost break down was that Eric showed her that he can walk now. He had taken the first steps since crippled and still had the love of riding that Paulette had given to him.

Paulette was successful. Not only did she break previous records for endurance riding but, she raised a substantial sum for the handicapped riding program as well. She also gained much admiration. Each day many people stopped by to see her riding.

Many Berks Countians smile when talking about this attempt, which made them realize what it must mean to a handicapped child to be able to ride a horse.



Mulches can benefit gardens

Summer mulches can benefit gardens and gardeners. The most obvious reasons for using mulches are to reduce weed problems and conserve soil moisture. Mulches also protect soil by reducing wind and water erosion and compaction from rain. They shade the soil, moderating soil temperature. Mulches also help keep plants clean and reduce diseases.

For maximum benefit, select appropriate mulch materials and use them correctly. In the vegetable and flower garden, salt hay is a good choice because it is weed-free. Grass clippings are acceptable but do contain weed seeds. (If lawns were treated with an herbicide, do NOT use clippings until the fourth mowing.) Straw makes good mulch but extra nitrogen may be needed in the garden where it's used. Chopped or half-rotted leaves are okay; whole leaves tend to pack and are not recommended. Peat moss is good in the soil but has disadvantages used as mulch. It can blow around and when it is very dry it becomes water repellent.

Wood and bark chips are good choices for mulching shrubs, trees and other permanent plantings because they decompose very slowly. In the vegetable and flower garden they will interfere with annual soil preparation.

Black plastic is an effective mulch material which can help warm soil and perhaps give a hard start on the growing season. It must be laid down over thoroughly moist soil; however, and it is probably best used in combination with trickle irrigation systems.

There are some cautions that need to be added to a discussion of mulches. Except for the black plastic, they should not be put down too early - especially on crops like tomatoes, peppers, eggplants, and melons that need warm soil. Delay or avoid mulching very wet soils. Build a mulch of grass clippings slowly in layers; a heavy single application will generate heat and an unpleasant odor. Slug problems can be aggravated by mulches which provide an ideal habitat for those garden pests.

All Cooperative Extension programs are offered without regard to race, color, national origin, sex or handicap.

4-H specials

MEDIA, Pa. — What's in store for your summer? School's out and your children are enjoying the fruits of their school labors — a long sleep, a special visit, or a few lazy days. But then what? An uneventful summer can be a long and boring one for your children and a frustrating one for you.

The 4-H youth program may be just the thing for you both. Delaware County 4-H is again offering Summer Specials at the 4-H Center in Rose Tree Park, according to Nadine B. Albany, extension youth agent 4-H.

Summer specials short term educational projects. This summer: archery, babysitting/child care, cooking over coals, entomology, farm animal care I and II, rocketry I and II, small animal veterinary science and woodworking will all be offered.

Sessions begin on July 3 and run through August 2. Registration is on a first come basis and the fee for each project is $4 except rocketry, which is $6. Summer Specials are open to any Delaware County boy or girl between the ages of 8 and 19. For more information and a Summer Special Brochure contact the 4-H office at 565-9070.

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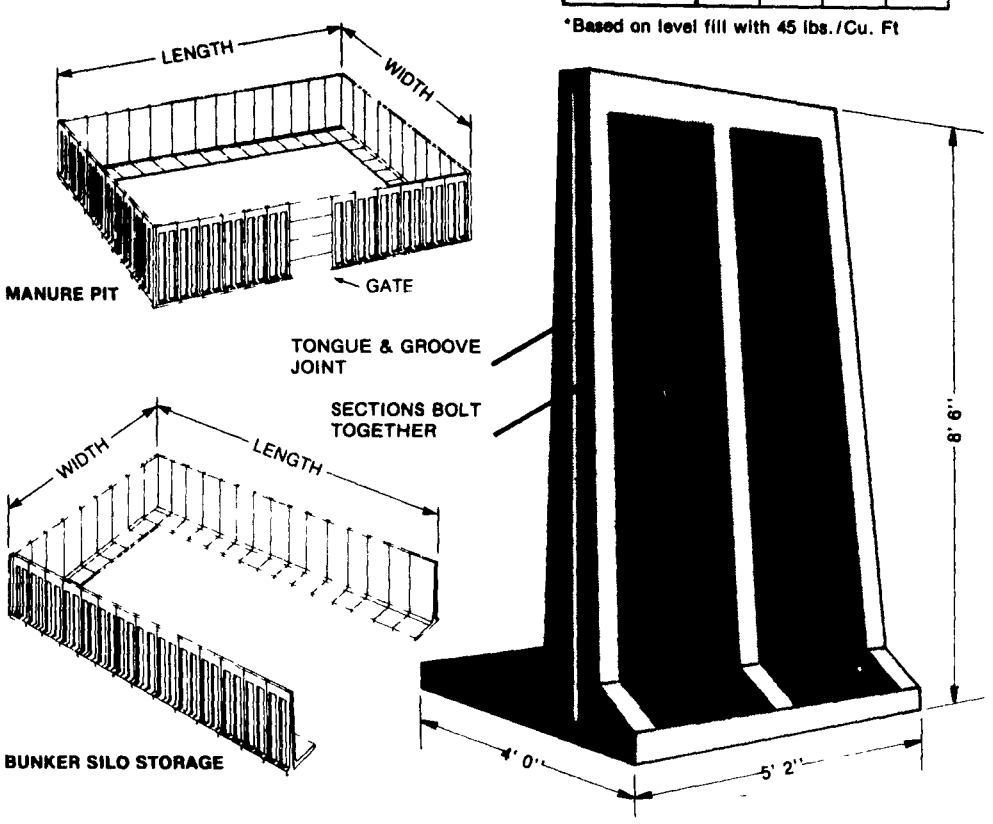
*Based on level fill with 45 lbs./Cu. Ft



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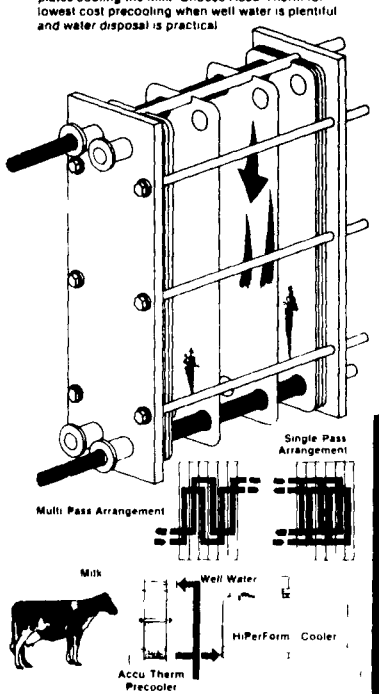

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Adams County names Carol Clowney dairy princess

BIGLERVILLE — A stage decorated with man-sized cartons of milk, cottage cheese and other dairy products was the setting for the Adams County Dairy Princess Contest last Saturday where a 17-year-old high school senior was crowned the new princess.

Carol Clowney, the daughter of Mr. and Mrs. Thomas Clowney of Gettysburg, was named the 1984 Dairy Princess and received her crown and banner from 1983 Dairy Princess Faye Messinger. The alternate dairy princess title went to 17-year-old Carol Hobaugh, the daughter of Mr. and Mrs. Bruce Reever of East Berlin.

Miss Clowney, who attends Gettysburg Senior High School, plans to pursue a career in dairy management upon graduation. She said she is considering becoming a third partner in her family's dairy operation. Her farm responsibilities include milking and calf care.

In addition to her farm chores, Miss Clowney finds time for activities such as the Barlow-Mt. Joy Community Club, the Adams County 4-H Dairy Calf Club and the 4-H Senate.

Miss Hobaugh, who attends Sprint Grove Senior High School, currently works at a neighbor's farm where she is in charge of the dairy cattle. A 10-year 4-H member and a four-year Dairy Calf Club member, Miss Hobaugh is planning a career working with dairy cattle.

Also competing for the title were Cindy Hilbert, the daughter of Mr. and Mrs. Kenneth Hilbert of Littlestown, and Polly Mehring, the daughter of Mr. and Mrs. Oscar Mehring Jr. of Gettysburg.

For the pageant, each contestant was interviewed by a panel of three judges, presented a 30-second radio spot, answered an impromtu question and were interviewed on stage by master of ceremonies Doug Hershberger, a former State FFA President, of Quarryville.

Judges for the pageant held at Biglerville High School were Mrs. Linda Emig, Shippensburg, a former dairy princess and currently a customer service representative for Commonwealth National Bank of Shippensburg; Ms. Laura England, Lancaster, 1979 Blair County Dairy Princess and currently associate editor of Lancaster Farming; and Lester Martin, Chambersburg, a dairy farmer who is president of the Cumberland Valley Jersey Breeders Association.

The new dairy princess will attend farm and nonfarm meetings, participate in mall promotions, present programs for elementary students, write newspaper articles among other responsibilities to promote milk in Adams County for the upcoming year.

Faye Messinger, left, 1983 Adams County Dairy Princess, congratulates 1984 Adams County Dairy Princess Carol Clowney and 1984 Alternate Dairy Princess Carol Hobaugh.

Northampton and Lehigh Counties crown dairy princess

EASTON — Michele Fulmer, the 17-year-old daughter of Mr. and Mrs. Berton Fulmer, was recently crowned 1984 Northampton-Lehigh County dairy princess during a ceremony at Williams Restaurant in Easton.

Janet Poliskiewicz, the 17-year-old daughter of Mr. and Mrs. Philip Poliskiewicz, is the new alternate dairy princess.

Michele is a junior at Pen Argyl High School where she is active on the Prom Committee, yearbook staff, chorus and powderpuff football. She is a member of the 4-H Dairy Club, the 4-H Advisory Board and the Blue Valley Garden Club.

Owning about 15 animals herself, Michele is a member of the Junior

(Turn to Page B25)

Northampton-Lehigh dairy princess Michele Fulmer receives the crown from her cousin, Susan Fulmer, the former dairy princess, as alternate Janet Poliskiewicz looks on.

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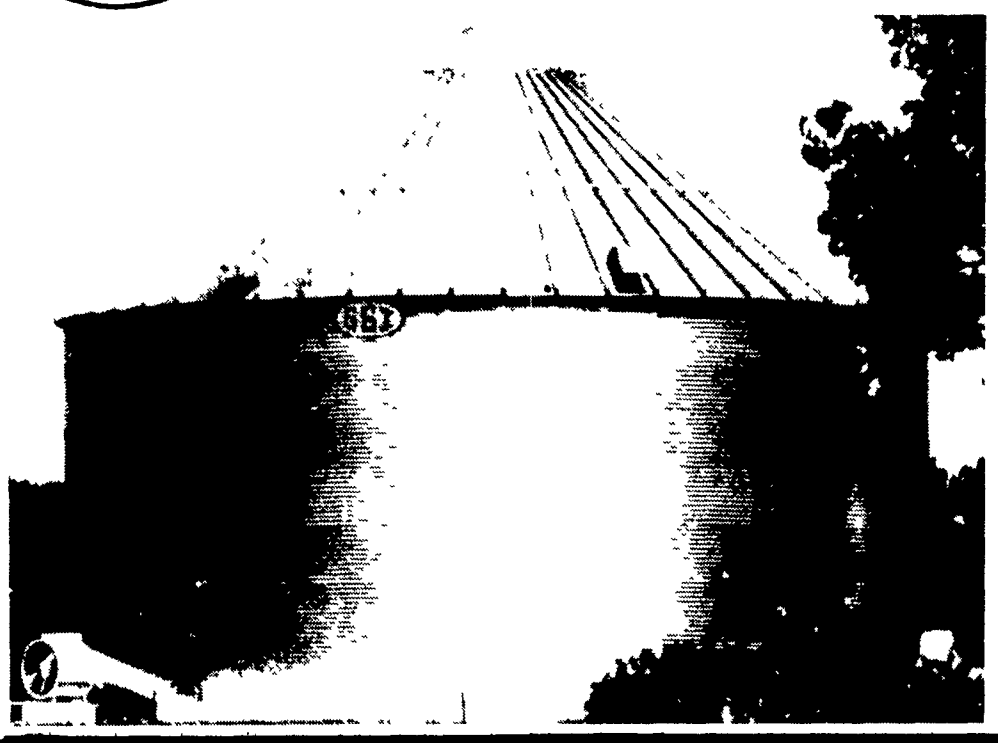

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Dairy princess

(Continued from Page B24)

Holstein Association, a past member of the State Junior Holstein Executive Committee and the Plainfield Farmers' Fair Livestock Committee. She plans to attend college after graduation from high school.

Janet is a junior at Bangor Area High School where she participates in the concert and marching bands, health career club and Spanish club. She is active in the 4-H cooking sewing program and in the 4-H Livestock Club.

She is a Sunday School teacher in her church and a member of the Lutheran Women's Association. Janet plans to attend college and major in science and agriculture.

Lehigh County Agent Dave Dunbar, a member of the dairy promotion committe, hosted the evening's program which began with dinner, followed by the princess candidate's presentations.

1983-84 dairy princess Susan Fulmer gave her farewell remarks before crowning the new princess, who will take over her milk promotion responsibilities.

The evening concluded with dairy desserts.

Judges for the evening were Linda Irish, a home economics teacher at the Easton Area Middle School, and Walt and Nancy Wurster, well-known Holstein breeders.

Hoerner receives ag award

HERSHEY — Brian K. Hoerner, Hershey, was recently named a 1984 U.S. National Award winner for his achievements in agriculture.

This award is a prestigious honor very few students attain. The Academy recognized less than 10 percent of all American high school students.

Hoerner is a student at Lower Dauphin High School and was nominated for this award by Mrs. Cynthia Shaffer, a vocational agriculture teacher at the school.

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Bradford Co. honors Orville Yoder

BY JANE BRESEE
Staff Correspondent

TOWANDA — A crowd of over 200 people filled the Towanda Elks Club Thursday night, June 14, to honor Bradford County Cooperative Extension Agent Orville Yoder and his wife, Irene, upon his retirement after serving 27 years in the Extension service. Yoder had worked in Bucks County for four years and then came to Bradford County in November of 1961.

The auspicious occasion moved smoothly along with Gary Green, chairman of the County Extension Executive committee, acting as master of ceremonies. The invocation before dinner was given by Russell Jones, a prominent Holstein breeder, and long time member of many farm and Extension organizations.

The first guest on the program was Roger Madigan, state assemblyman from Bradford County. He commended Yoder for his excellent work and commented that Yoder had contributed greatly toward peaceful settlement of the truck strikes. Madigan presented Yoder a citation from the House of Representatives for his outstanding service.

Mrs. Marilyn Bok, chairman of the Bradford County Commissioners, the next speaker, jokingly said that Yoder was the last person with a flat top hairdo to retire in Bradford County. She also thanked Mrs. Yoder for helping the Garden Club plant and replant flowers and shubbery around the Court House.

Bok also complimented Yoder for the growth of the County Extension service during his term and for the very good cooperation enjoyed between the County Commissioners and the Extension Service. "We hope that your retirement will be as productive as your working years and you will milk it for all it's worth," she said.

Alton Homan, Bradford County Extension agent, represented the Pennsylvania Association of County Agricultural agents in the absence of Robert Hettick, president. He proclaimed Yoder a life member both state and national in that organization. With best wishes for his retirement, he presented Yoder a plaque for his meritorius service from Nov. 1, 1961, to July 31, 1984. Homan also gave Yoder a statue of the Nittany Lion from the honorary society of County Agricultural Agents, Epsilom Sigma Phi.

Ellen Foust, member of the County Extension Executive committee, said that the Extension service reaches more people in the county than any other organization. She read aloud a poem written especially for Mr. and Mrs. Yoder by Wilmer Wilcox of Canton, titled "Poet Laureate of Bradford County".

Edward Dieffenbach, regional assistant director of the Extension Service, brought greeting from Penn State University and best wishes from Dr. Wayne Hinish and Dr. Sam Smith who could not attend.

Dieffenbach enumerated many changes in the Extension in Bradford County during Yoder's term, such as the fantastic growth of the DHIA, and in the dairy industry as a whole. He also mentioned the livestock, wool growers, and Maple Producers' organizations which had begun under Yoder's direction.

Gary Green, chairman of the County Extension Executive Committee, congratulates retiring Orville Yoder.

Among Yoder's awards and citations are: NACAA Outstanding Extension Livestock Program Award in 1966, Pennsylvania Dairymens' Association Award in 1972, Public Information Award winner in 1975, the Pennsylvania Maple Council Man of the year in 1976, Bradford County DHIA Award for Outstanding Service in 1979, a citation from the State House of Representatives for an active role in ending a truckers strike in June 1979, and a 25-year Service Award from Penn State in 1982.

"Today you hit your epitome," Dieffenbach told Yoder. "You are a true Extension man and a good educator!"

Green then gave Yoder two portfolios of letters, written by people whose lives have been touched by Extension work during Yoder's time.

The remainder of the program after three vocal solos by Bruce Bresee, dairy farmer, were humorous awards given by Yoder's co-workers who remembered the jokes and humorous incidents during their time of working together.

Also present was Orville's son, Kenneth Yoder, and family. Flowers and cards were sent from his other son, Brian, and daughter Zoe Ann who lives in California.

Linda Wrisley, member of the Executive Committee and on the planning committee for the affair, spoke saying she had the pleasure of representing everyone in the state and out of state who had sent letters and money for the party. The gift presented to the Yoders were a long range lens for his camera, a slide projector, screen, and flowers.

The climax of the splendid evening came with a tearful and brief thank you from Mrs. Yoder who spoke about how good and sincere the people in Bradford County are.

Yoder's turn to speak came at last. He stated that the ground work in Extension had been well laid by Paul Rever, Extension Agent before him (he recognized Paul Reber's son in the audience), and he wished that Paul could be here to see the strides made in dairying and crops.

Yoder said that Bradford County was the greatest in the state, and the people were tremendous to work with. He had the greatest neighbors in Hornbrook and an excellent Extension staff, and a great group of 4H and Family Living leaders.

Yoder predicted that Extension work will become even more challenging and interesting with the computer age now in the office.

Yoder thanked everyone for coming and making it a truly "Enchanted evening". He and his wife plan to host a farm tour to Europe in August and spend time in their lake house in Maine in addition to visiting their daughter Zoe Ann in California.

On being a farm wife - And other hazards

Joyce Bupp

Water, One of the most basic needs to sustain life.

Fresh, sparking, cold and clear, it runs from mountain streams. Thick with mud after gully-washing rains. Polluted by toxic chemicals and human wastes. Acid and sour from the burning of dirty fuels.

Water, How badly we abuse it. How regularly we take it for granted. Push a button, turn a handle - and out it flows, instant, clear, potable.

Here on the farm when it comes to water, we seem to constantly jiggle back and forth between the extremes of too much and too little. And that's not just a weather problem, but holds true at the numerous outlets around the place that serve ever-thirsty cattle.

Water. Running somewhere. A spreading wet spot at the foot of the calf barn grows volunteer bearded barley plants with a vengeance - but the swamp forming there was simply never intended to be so.

Over a couple of days it grows, sloppier, wetter, spreading like a slow blight. We debate the reason, wracking our brains over the watery mystery, while rushing to put hay away before the next downpour.

One morning, a small stream materializes from the outside of the calf barn, first a wet spot on the blacktop, eventually running down the driveway between the yard and the dairy barn. It seems to ooze up from nowhere. (Why couldn't it be crude oil, for pity sake!)

As the creek grows in volume, with still no known reason, the inevitable can no longer be put off.

Late one evening, the water to the calf barn is shut off. Digging on the outside commences. A giant crater, pile of blacktop and one relocated watering hose later, the creek still tumbles merrily down the driveway.

His Father's Day gift is a chance to play plumber in place of an afternoon nap, a sacrifice to the continuing mystery of the swamp and stream.

Out comes the sink in the calf nursery. Up comes several square feet of concrete flooring. Out goes a couple of cubic feet of fill ground beneath, a stark maze of water-pipes left behind, jutting at odd angles.

Retreating to the house, mud-splattered, weary, he finally comes bearing a short piece of black plastic water pipe, complete with a crimped fold from which emanates a long split, the result of a chunk of old cement included as part of the fill ground many, many years ago. Like all of us, the pipe became a sort of victim of inevitable old age.

Milking time. Evening chores. Drop-in company. The job will be finished at some later time. Meanwhile we lug hot water up from the dairy barn. But at least the swamp and creek have subsided.

In under the old dairy barn I traipse, to feed heifers housed there.

A familiar sound. Splashing, gurgling. A puddle forming inside confirms the dread suspicion. The heifer's water fountain is stuck, running like a spring in a wet March. Before the first swamp has begun to dry, a second is in the making.

Another one of those lousy summer re-runs.

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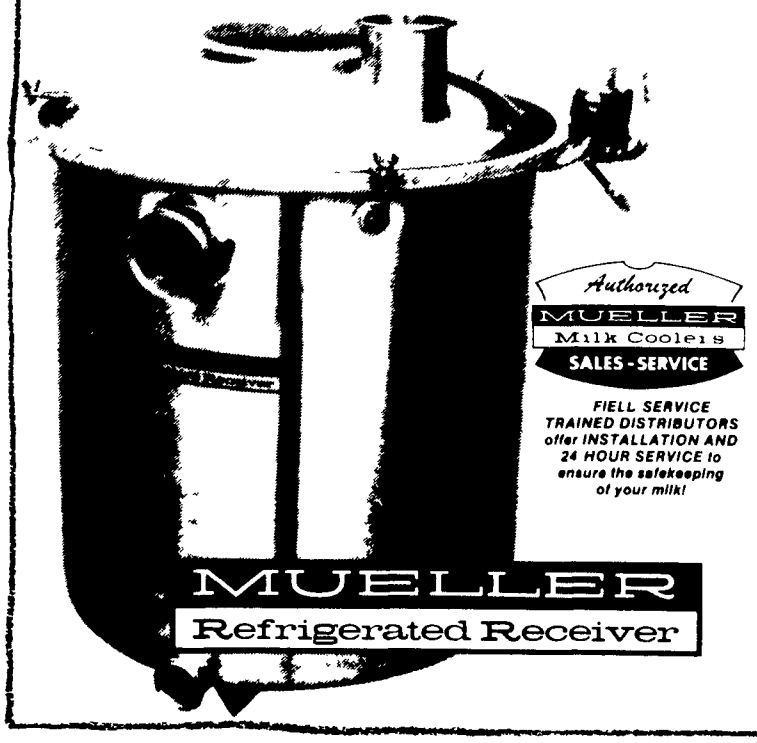

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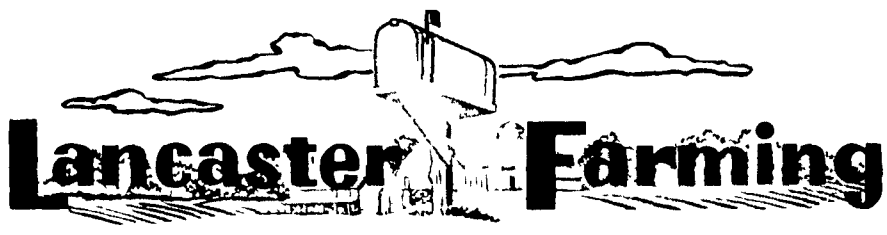

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Young Dairymen to sponsor mall dairy promotion

YORK — The Central Region Young Dairymen group, in cooperation with the York Mall Merchant's Association, will present June is Dairy Month with "Milk! It's Fitness You Can Drink" as its theme for a mall-wide promotion June 30.

Planned events include the following: live cow and calf displays; a cow milking contest; an ice cream eating contest; a poster contest for area children; and fitness demonstrations by the YWCA, Fitness America and Gold's Gym.

Both the milking and ice cream eating contest will be emceed by radio station Z107. Contestants for the two events are Blake Powell, PM Magazine; William Goodling, U.S. Congress Representative; Bruce Collins, 98 YRC Radio; and also a surprise contestant.

Entry forms for the National "Real" Seal Sweepstakes will be handed out, with Apple Chevrolet sponsoring a celebrity station wagon.

Over 200 prizes will be awarded with items donated by Athlete's Foot, Hardee's, McDonalds, Pizza Hut, Burger King, Show Biz Pizza Place; Perry Dell Farm Store; Ashcombe Dairy, Green's Dairy, Rutter's Dairy, Stump Acres, M and C Shoes, Fitness America and others.

Free dairy food samples, such as cheese sponsored by Hickory Farms and "Sip Up" milk drinks, will be served. Also, a special visit will be made by "Molly Moo" and "Billy Bob."

All are invited to attend, and for the first 500 people are free items such as recipes, shape-up books, bumper stickers and balloons for the kids.

Refrigerate cooked potatoes to prevent botulism

NORRISTOWN, Pa. — Don't boil or bake potatoes and leave them at room temperature until you get around to making that potato soup for dinner or salad for tomorrow's picnic. Keep the potatoes hot (140° F or above) or cold (45° F or below) until you're ready to prepare your recipe.

Potato salad has been implicated in three outbreaks, or 47 cases, of type A botulism in the United States since 1967. Analysis by the Food and Drug Administration at the time of an early outbreak showed type A and type B Clostridium botulinum spores in samples of raw potatoes taken from the stock of one of the restaurants involved in the outbreaks.

Because of this finding, researchers conducted various laboratory studies to determine how potato salad could become a vehicle for botulism. Results showed that potatoes inoculated with C. botulinum spores contain toxin when held at room temperature for some time following baking or boiling.

So, if you plan to use up those leftover potatoes or get the yen to cook a batch ahead to save time, go ahead. But keep those cooked potatoes refrigerated until you're ready to use them.

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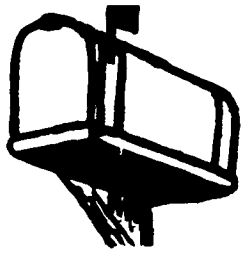

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For Sale NH #7 silage wagon on NH gear, flotation tires, good cond can del $975 Lanc Co 717-665-4239

For Sale - JD #95 (gas) corn & bean special combine w/14' grain head Somerset Co 201-828-2309 after 4 p m & weekends

For Sale - Suffolk ewe & ram lambs, purebred, reg , offspring of show animals Rams $85, ewes $100 Lanc Co 717-354-0880

Notice Retiring, 250 acre cattle ranch, western NY, 3 miles of river/ creek, scenic, miles of horse trails 716-367-2843

For Sale Black wrought iron railing from new bilevel home, steps and foyer Wanted chicken brooder house 717 866 4185 or 215-589 2966

For Sale 3 Registered Polled Hereford cow/calf pairs Chester Co 215 384 5604 after 5 p m

For Sale - Herd of 17 Hereford Beef Cattle or sell individually 2/calves 717 235-2444 after 5 00 p m

MAILBOX MARKET

For Sale - Woods Bro mower, fits cub tractor, belly mower $50 609-965 1285

For Sale Fork hook celery plants Abram F Stoltzfus, 2936B Stumptown Rd, Ronks, Lanc Co Pa 17572

For Sale - Tractor tires tubes, 10-24, 11-24 $100, Gravely tractor, 40" sickle bar etc portable elec start $500 Lanc Co 717-687-7386

For Sale 2 black/white face cows w/2 200 lb calves at side $850 Vernon Nicks 301 392-3230 after 5 p m

For Sale - Used farrowing crates, raised decks for farrowing or nursery, Yamaha 250 Exciter motorcycle, Lanc Co 717-442-9549

For Sale - Hulled sunflower seeds 50#-$15 exc animal feed, will del 10 sacks or more Fred Md 301-829-0480

For Sale - IH fast hitch mower $295 NI 12A manure spreader, like new $875 High sides hay wagon $675 717-354-0266

For Sale - Suffolk ewe, also 650 9x16 roof slate Elam E Lapp, Christiana #1, Pa 17509, 1 mile East of Bartville

Wanted - Hay tedder, 1 or 2 horse drawn, old kickers in good cond 717-656 9548

For Sale - NH 1010 bale wagon, good cond $2000 Wanted Fox forage blower for parts Lanc Co 717-354-5691

For Sale - 8' Mc grain binder w/zerts Mc corn picker w/hose zerts Enos Miller, R1, Paradise, Box 178, Pa 17562

For Sale - NI hay crusher w/AC B125 engine Jacob B Stoltzfus, Gap R1, Box 63, Pa 17527 East of Millwood Church

For Sale Holstein dairy cows, due soon, Elam M Fisher, R1, box 379, Kirkwood Pa 17536, Lanc Co

Wanted - JD 14T baler for parts For Sale - Clean, skirted fleeces, blk & wh for hand spinning, Har Co 301-692-5905

Notice - Would the party from Hampstead Rd Md w/1055 sharpener advertized 5-26-84 write A S Zook, #2, Delta Pa 17314

For Sale Swap on KR562A roll cab & work bench, optical toe gage WA95A, Micro precision wheel balancer M60 Farnklin Co 717-597 8364

For Sale - 50 ewes & rams, 2-6 yrs old, neg Dauphin Co 717 469-7311 after 7 p m

For Sale - Reg AQH Filly, 1 yr old Sorrel, Flen mane & tail $350 good bloodlines Lanc Co 717-653-5327

For Sale - 14 bred gilts, York & Landrace breeding $320/best offer 1½" technifoam insulation $723 new Berks Co 717 933-5358

For Sale - IH #76 combine $750 104 salt holder for 4 pound blocks, stainless steel $1 ea Juniata Co 717-527-2454

Wanted - To buy David Bradley garden tractor in very good cond 717-732 4035

Wanted - Small used utility diesel tractor 30 or 40 hp Ben J Kinsinger, RD 1, Box 234A, Meyersdale, Pa 15552

For Sale - Ford 9N tractor w/2 btm 3 pt plow, exc cond , 5' rotary mower, 800 Ford w/loader 215 791 0186 eve

For Sale - NI crimper high wheels, on rubber w/auto turn Abner S Glick, RD 1, Box 270, New Providence, PA 17560

Wanted 609 tobacco plants, also pig feeder 10 or 12 hole Cumb Co 717 532-3885

MAILBOX MARKET

For Sale - 2 row 30" NI corn picker 12 roll, A-1 cond 717-626-7109

For Sale - NH 77 pto baler $150 Papec 54" PTO blower $275 Lanc Co 717 733-8528

For Sale - Tobacco plants type 609, also Penn Bell 215-445-5796

For Sale 6 yr old reg Standardbred mare w/colt at her side $600 614-599-6478

Wanted 2 wheel driving horse cart For Sale Standardbred horse Lanc Co 215-267-3695

For Sale Nubian dairy goat does, kids, doelings & does can be reg w/ADGA, good quality Schuylkill Co 717-648-2021

For Sale - Tong's for horse drawn equip Amos Z Martin, RD2, Box 48A, Narvon, Pa 17555, west of Bridgeville Church

For Sale - Tandem axle trailer suitable for hauling cars, etc Flat deck, new lights Bradford Co 717-247-2508

Wanted - Chisel for 52 horsepower tractor, Mt Airy, Md Howard Co 301 831-7624

For Sale - AC potato harvester, good working order & good nets, also 16' dual wheel trailer 717-653-5819

For Sale - Gossling Jacob L Miller, Mill Creek School Rd Bird-in-Hand, Pa 17505

For Sale - Maryland 609 tobacco plants Lanc Co 717-354-8238

For Sale ½ grain fed steer cut, wrapped frozen Wanted - Cultivator for model B AC 609-629-5215

Wanted - Xmas trees, Scotch Pines & Douglas Firs 6' & up 301-398-9004 days, 301 398-9515 eve

For Sale Stoltzfus made lime spreader 13' box for tandem axle truck, all hyd incl , good cond. Chester Co 215-273-3566

For Sale Penn Lan tobacco plants, you pull, also ear corn, clean Lanc Co 717-394-3978

For Sale - Henderson loader for CA Allis-200, antique buggy (1 seat) $650 Corvair parts, Lanc Co 717-687-0743

For Sale - 69 Int 1890 model w/air tag axle, 18' van V'8 engine 44,000 GVW Luzerne Co 717-788 1263

For Sale 74 Int ¾ ton truck, 4 speed 345 V8 42,000 orig miles, no rust $2400 Northampton Co 215-262 9776

For Sale Farmall AV w/cult , Super AV w/cult , Super C w/mower, plow & cult , 3 section harrow Luzerne Co 717-256-3309

For Sale Nice clean straw Lanc Co 717 627 1598

For Sale - 6 36" Big Dutchman fans $150 each 3 Big Dutchman Feeders $300 each Lanc Co 717-733-3565

For Sale Farmall M $1400, F30 $1700 14x38 F-30 wheels $150 York Co 717-428-1036 after 5 p m or weekend

For Sale #200 auto roller mill w/1½ hp motor $650 Franklin Co 717-762 4354

For Sale Ford 8N good cond $1975 Bucks Co 215-257 7491

For Sale 8 Unarco Rohn heavy duty farrowing crates, tenderfoot flooring w/stands, all in exc cond Lanc Co 717-684-8255

For Sale NH 66 baler, Toronado Cadillac, 5 horse Fairbanks & Morse fly wheel engine, D4 Caterpillar w/loader Lanc Co 717 626-5678

For Sale - 1 young crossbred 275# Boar Also 3 older 450-550# crossbred boars Lebanon Co 717 272 5089

MAILBOX MARKET

For Sale - Int 5 speed overdrive $150 JD #15 chopper $700 JD 3ph 2 row cultivators $300 717 292 4245 eves

For Sale 1410 Case diesel tractor, 80 HP, 1600 hrs , good cond. $6900 Auger unloading trailer $125 Berks Co 215-683-3094

For Sale 30" White Philco elec stove $35 Brillion rotary chopper $75 JD A parts Berks Co 215-488-1400

For Sale 1948 Dodge 4 door sedan, fluid drive, color blue, motor redone, very nice & in good cond 717-665-5416

For Sale - Keeshund pups, Lanc Co 717-859-3926

For Sale - Liter of purebred toy Fox terrior pups, 7 weeks old, 10' Brillion cultipacker 4" shaft Lanc Co 717-733-4059

For Sale - 3 purebred Cheviot yearling ewes, $60 each Bath tub $20 Bucks Co 215-822-3962

For Sale - 4 Charolois cows, reg 7 yrs old Berks Co 215-689-9266

For Sale - SP combine, Massey 82, 12' head, good, can deliver, Leb Co. 717-865 4329

For Sale - 24x60 mobile home, full basement, w/2 car garage, 1.9 acres Clay Twp $49,900 Lanc Co 717-733-4874

For Sale - TB/Draft mare, 16 1 h quiet, willing jumper, some dressage training, $1500, Chester Co 215-932-4728

For Sale - Polled Charolais bull, can be registered 717 432 5731

MAILBOX MARKET

For Sale - Goat kids from good milkers, 1 yearling doe, also small woodstove Lanc Co 717-665-7366

For Sale 3 DeLaval pail milkers w/large claw & vacuum pulsator, good cond dumping station w/large jar Lanc Co 717-354-5682

For Sale Sweet potato plants, $4 /100 David R Zook, RD1, Box 380, New Holland, Pa 17557, Lanc Co

For Sale Like new 41' 8" Hutchinson grain auger $1000 4 Buo-matic milker units, 3-50 lb Chester Co 215 286-5404

For Sale - Used horse collars, good cond , all kind & sizes Christ Fisher, Box 162, RD#1, Paradise, Pa 17562

For Sale - IH 800 early riser no-till corn planter, dry fertilizer, like new at ½ cost Harford Co 301-452-5122 eves

For Sale - Reg Canadian geese, JD lime drill, almost new Lanc Co 215-267-7796

For Sale - Ceramic molds, 74 cookie, 49 larger molds, exc cond 335 Duncan glazes, underglazes & stains $425 Berks Co 215-926-4086

For Sale - Fox blower like new 40' of pipe Perry Co 717 834-3676

For Sale Telephone poles, fence posts, & black walnut logs York Co 717-244-1824

For Sale Hesston stakhand 10 stocker & Hesston stak mover, good cond $3500 Columbia Co 717-925-6607

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MAILBOX MARKET

For Sale JD fertilizer spreader, model LF 10' good cond $200/best offer York Co 717 792 2743

For Sale 1982 Kawasaki KDX80 dirt bike, exc cond $450 Berks Co 215 987-6555

For Sale - Rabbits, Netherland, Dwarfs, $5 Rex all colors $5-$10 Holland Lops, pedigreed $25 Blair Co 814-793-4255

For Sale - Reg Percheron Filly-breeding (Lo Lyn Joe Laet) 814-466-7034

For Sale - 14"-15" new truck clutches, heavy duty engine overhaul stand, 50 ton hand hyd jack Carroll Co 301-775-2849

For Sale - 9 Charolais cows & 8 black Angus cows w/calves, some bred back, also Simmental bull Columbia Co 717-925-2597

For Sale - 1978 Chevy 12' walk-in, alum, Boyertown, AT, PS, PB, dual wheels, 35,000 miles, 2 Grove wagons. Schu. Co 717-648-5056

For Sale - JD 45 combine square back, cab, V belt, drive on seperator, grain platform, corn head $3500 Bucks Co 215-536-5175

For Sale - 16' Zook manure elevator w/hyd motor, Pequea spreader J Elmer Lapp, R6, Box 252, Coatesville, Pa 19320

For Sale JD 14T baler, ex cond $450 Ford 504 baler $200 NI trail mower $225 Luzerne Co 717 388-2341

For Sale - Silo 12' diameter, 30' height $2500 Cambria Co 814 487-5139

For Sale - Fox harvester, 2 heads, 2nd Fox harvester for parts $1000 8' truck camper $600 Huntingdon Co 814-448 2482

For Sale Farmall H, exc cond, John Bean High Boy sprayer, 2 corn wagons Monmouth Co NJ 201-681-1567

For Sale AC M crawler good $1250 TD9 dozer, wide gauge, steering froze $1250 Wanted - F12 for parts Monroe Co 717 223-8496

For Sale 1967 Ford P U w/302 motor, 1971 Fiat sedan, Wisc motor, 50 gal oil tank York Co 717 938 3002

Wanted 1 gal & ½ gal jugs Elam M Esch, RD2, Box 160B, Rt 10, Honey Brook Pa 19344

For Sale Heavy duty Lincoln welder engine driven auto idle $800 Gideon Fisher, RD2, Box 321, Myerstown, Pa 17067

For Sale - Maryland 609 tobacco plants Lanc Co 717 656-8431

Wanted To Rent House, barn, pasture, anywhere from Northern Lanc Co to Dauphin, Perry Co 717 665 6193 night mornings

Wanted Veg crop duster tractor mtd or on wheels, Juniata Co 717 527 4081

For Sale Grade & Amer dairy goats, Alpine milkers showed 4 H & open stud service Carroll Co Md 301 848 0862

For Sale 4 yr old Standardbred driving mare w/snap Abram King, 881 Eshelman Mill Rd, Lanc Pa 17602

Wanted Drawbar for Ford 801 For Sale Fast hitch drawbar $30 Berks Co 215-286-6034 eves

Wanted Butter churn, 6 qt glass, prefer Dazey 301 658-5061

For Sale 19000 lb DHIR herd has female calves & is overstocked Warren Co NJ 201-454-1618 eves

Wanted This year's Timothy, wheat straw, and 2nd cutting alfalfa or alfalfa mix hay Chester Co 215 932 5289

MAILBOX MARKET

For Sale - 1980 Chevy Citation Auto V-6, air, new tires reasonable 2 year old registered Suffolk ram Lehigh Co 215 285-6872

For Sale NH #56 rake, IH #46 baler, gravity bin wagons, hay crushers, Oliver grain drill, skid gas tank 717-345-4882

For Sale Well kept JD #12A combine w/bin & engine Engine w/recent overhaul Ideal for small farm Berks Co 215-562-8638

For Sale - Equip tag trailer Tandem axle, air brakes, 8 25x15 radial tires, after 6.00 p m Lanc Co 215-267-5802

For Sale - AKC Beagles, 13 inch class, Lanc Co 717-665-4626

Wanted - Rear axle and trans to model 1-4741 Commando U7 Wheel Horse lawn & garden tractor Lanc Co 717-665-4634 eves

For Sale - Fox Terrier pups and weathered barn siding, tobacco plants, all kinds Lanc Co 717-872-4101

For Sale - 100 bales of new soft rye straw - 1959 Ford ½ ton pickup needs paint Adams Co 717-359-4371

For Sale Beautiful Arabian Sorrel riding horse, gentle for children Lanc Co 717-733-8770

For Sale - 7 year old standardbred horse, lots of speed $850 Jake Lengacher Route 2 Mt Pleasant Mills, Pa 17853

Wanted Windmill water pump, new or used For Sale 3 section 9' spring harrow Berks Co 215 944 0773

For Sale - Angus cattle, yearling bulls, mature bulls open yearling heifers Hoffman Angus York Co, 717-292-4855

Wanted - Boar service age 300 lb Badger single chain feeder & conveyor For Sale - Gehl 99 Blower Lanc Co 717-665-3865

For Sale - 1 & 2 row transplanter, 2 row tobacco hoers for Ford cultivator, 1976 Vega engine Leb Co, (717) 949-3778

For Sale - Used Farrowing crates 20 00 ea Lanc Co 717-665-3413

For Sale - 8 bags of Asgrow 83127 soybean seed Sch Co, 717-739-4645

For Sale 1 pair of matched mate, proven swan, $450 299 4482 or 299 2536

For Sale AKC Mastiff puppies, easy to housebrake, good watchdogs Lanc Co 717 529 6535

For Sale Cauliflower broccoli & cabbage plants Jacob J Stoltzfoos, RD1, Box 51, Kinzer Pa 17535 along 772, Newport Rd

For Sale Pennlane 609 tobacco plants, 300 tomato stakes 1½"x1½"x5' Harvey Hoover, Terre Hill, first farm east end Main St

For Sale 4 row 3 pt JD cultivator RG4 $650 494A JD planter Gandy insecticide boxes $725 Hanover Pa 717 637 1232

For Sale Gleaner K combine, cab, 10' grain head & 2 row corn head Berks Co 215 682 6713

For Sale 4 yr old grey Arabian Mare, started, flashy $1000 Chester Co 717 529 2659

Wanted Standard trans for 1963 Ford 601 tractor Richard D Green, RD1 Box 2217 Columbia NJ 07832, Warren Co 201 362 6721

For Sale - Reg Angus bull calved 5 19 83 $600/best offer Carroll Co 301 374 6423

For Sale African Pigmy goat kids & mature stock, also 4 tray Redwood incubator $225 Freeland MD, 301 329-6421

MAILBOX MARKET

Notice Fall snowcrown cauliflower plants $20/thousand Paul M Hoover East Earl, RD #1, Box 363B, Black Creek Rd, PA 17519

For Sale 500 gallon creamery package milk tank w/3 HP sealed refrigeration unit $1000 York Co 717-225-4944

For Sale - 609 tobacco plants Lanc Co Jacob K Blank, RD #1 Box 474, Gap, Pa 17527, Amish Road

For Sale - Winchester model 94, 30-30 cal also JD 4 bar, side delivery rake on steel Cumberland Co 717-486-5942

For Sale - Used Tox-O-Wik hog oiler, Tox-O-Wik Cattle oiler & insecticide, pipe tubing gates & latches Lanc Co 717-733-8313

For Sale - Sunline slide-in pickup camper, sleeps four, water, heater, refrig., toilet York Co 717-432-3117

For Sale - MF 12' wide heavy offset disc $2500 Also Free Corn Crib. Wanted - 7000 JD corn planter 215-942-2657

For Sale - JD side rake and 8 HP B&S verticle motor electric start Cumb Co 717-532-7590

For Sale - NI #323 pull type single row corn picker, like new $3750 Leb Co 717-272-0939

For Sale Nubian goat kids Really colorful, only does left $35 Some yearlings available, ready to breed Berks Co 215 987 6098

For Sale - 2 very nice mill stones, 24' and 1 cone type mill stone 24' Chester Co 215 326 4640

For Sale - Grimm ground drive hay tedder, one new, one used your choice Lanc Co 717 656-8036

For Sale 1240 JD 4 row corn planter on steel Levi King, RD 4, Quarryville, Pa on N Lime St

For Sale - Bob White Quail, mature breeders chicks & eggs Southern Lanc Co 717-786-1746

Notice Drip irrigation and full hookup parts, can use it for all kinds of produce and tobacco Lanc Co 215-445-4144

For Sale - 4 used water tanks on wheels, 1000 gal, 1100 gal, 1500 gal & 2,000 gal York Co 717 225-4185

Wanted Pair of rear tractor steel wheels, 60" high 16" wide Nelson Horst, East Earl RD #2 Lanc Co, Pa 17519

For Sale - NH 68 & 275 balers with or without thrower York Co 717 456 5851

For Sale 1970 Ford Fairlane 500, VB PS, automatic transmission very good mechanical condition $450 York Co 717 755 2149

For Sale 28' Starline (single chain) elevator $150 without motor or $250 with 1½ HP motor Leb Co 717 949 3317

Wanted Good used Baler NH or JD preferred Northumberland Co 717 473 9417 evenings

For Sale Century 3 point hitch sprayer, 21' 55 gal barrel $150 Lanc Co 717 367 3242

For Sale Farmall 400 diesel tractor, 55 HP, TA fast hitch, PS, NFE, all hyd, field ready Dauphin Co 717 469-0126

For Sale 1980 Honda ATC 110 three-wheeler Good condition and good tires $650 Franklin Co 717 532-5609

For Sale Recreation lot, Dubois, Pa Seller in Columbia Co Building can be erected on it 717-672 2113

For Sale - Bolens G152 diesel tractor, 15 hp approx 200 hrs $3100 or best reasonable offer Berks Co 215-682-6445

MAILBOX MARKET

For Sale 1977 Ford 1 ton w/B' cattle body Wanted Sunbeam cloppers any cond Crawford Co 814 382-2922

For Sale Bunnies, English Angoras, French Lops, New Zealand, Whites & Balck Satins, breeding age Lop doe York Co 717-244-9576

For Sale - Romney X border Leicester ram lamb, lustrous, soft white fleece, large lamb, black parents $100 Chester Co 215-942-4091

For Sale - Beacon hay preserver ready to mount on your baler, bale w/25% moisture. 717-345-4109

For Sale - 1 16 mo old Angus bull, reg. & 1 1-yr old Angus bull Balto Co 301-592-7705

For Sale - 4 row front mtd AC cultivators, Sussex Co Del 302-875-3913.

For Sale - Female, purebred German Shephard, 1½ yrs old $50 Amos S Stoltzfus Jr William Run Rd Christiana #1, Lanc Co 17509

For Sale - Pair 4 yr old Sorrell work horses, lots of snap, Jonas R Beiler, RD #2, New Holland, pa 17557

For Sale - 6 yr chestnut horse, 16 h $875 Isaac S Zook, 3438A Harvest Drive, Gordonville, Pa 17529, south of Intercourse

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1970 Gas International 210, live tandem axle with 20' steel flat dump. 301-775-2562.

3 Fruehauf flat trailers with 8' bulk heads. Suitable for hauling hay and straw - 1964, 38' long, 1962, 40' long; 1968 43' long. 717-285-3628 or 285-5298 after 6 PM

STORAGE TRAILERS FOR RENT - 40 ft, nice, available immediately, delivered Office trailers also available. 301-771-4529

MAILBOX MARKET

For Sale Restored F 20, needs paint, rebuilt motor, magneto carb, new clutch & front tires (need's paint), Lanc Co 717-872 6819

For Sale - 1972 Int 2110 truck tractor, single axle, 35' Great Daine flat trailer 10 00-20's Lanc Co 717-872-6819

For Sale - 2 2-btm trailer plow, 14", Moline has new coulters, Int has new points, Lanc Co 717-872-6819

For Sale - '73 Ford truck, F100 351 Clevland Ford toploader, 4 speed, Hurst comp shifter Bradford Co 717-673-3559

TRUCKS & TRAILERS

1978 GMC Window Van, 8 passenger, 400 engine, auto., 79,000 miles, heavy duty trailer package, black, nice, $4,950. 717-733-0623 or 717-733-0633.

14' steel box, underbody hoist, 3' sides, 4' tailgate, no dents, A-1 shape. 717-966-0883.

Wanted - 4WD pickup truck ½ ton, ¾ ton or 1 ton, condition and low mileage more important than age. Call 717-546-5981. Lycoming Co.

1970 Chevy C-60 rollback 3 year old 22 foot Jerrdan body, 10,000 pound winch 26,000 GVW, 5x2 transmission, double frame asking, $7950. Ron 215-856-7510 after 6 PM.

For Sale - 1971 Int. 1600 Loadstar 345 engine, heavy duty 26,000 gross wt, power steering, 9.00x20 tires, 16' bed with cattle racks, racks can be removed to make flat bed or grain body, truck in good condition Blair Co. 814-832-2491.

For Sale - 1700 Int. V8 diesel Truck, 5 Speed, 2 speed, double frame ideal for 7x9 dump, 26,000 GVP. Lehigh County. 215-767-5512

1980 GMC 6000, 16 K miles, 8 ft. x 16 ft. metal stake body, gas, 20,000 GVW. 215-757-7727.

TRUCKS & TRAILERS

'83 Ford F150 Explorer ½ ton pickup 300 6 cylinder, 3 speed, overdrive, PS, PB, 2,000 miles, like new, $7,500 717-733-2873.

Parts for 270 Cummins RTOF 95, 13 speed transmission, 34,000 lb Rockwell rears, 4.11 ratio, Henderickson suspension; 1020 and 1022 Daton truck rims. Call after 7 PM. 717-374-8965.

'83 Ford F350 dual wheeler 460 4 speed, PS, PB, air, AM/FM, radial tires, goose neck hookup, 8,000 miles, $12,600. 717-733-2873.

1970 Polar Tanker, 4500 gal. insulated stainless steel one compartment shell damaged, no leaks, $2,800; 1973 Trailmobile 45 ft. storage trailer 10.20 tires, tandem axles, slider, $1,350. 215-838-7271.

1969 Chevy 21,000 lb., 14' flat dump truck, 4 speed, 2 speed, 292, 6 cylinder, new paint, $3,000. Bucks Co. 215-297-8354.

FOR SALE - LN 800 Ford w/15' grain bed, 15T hoist, gas, air brakes, 36,000 GOW. Perry Co. Call Eve. 717-444-3898.

6 ton trailer, deck tilts, good condition, $1,400. Bucks Co. 215-297-8354.

General engines, 12 ton Tag-Along trailer, 18' deck, O.K. shape, $3,000. Bucks Co. 215-297-8354.

'84 Chevy Scottsdale C30 dual wheeler 454, 4 speed, PS, PB, air, goose neck hookup, 4,000 miles, $12,700. 717-733-2873

TRUCKS & TRAILERS

'83 Ford F250 Custom ¾ ton pickup 300 6 cylinder heavy duty 4 speed, PS, PB, radial tires, 10,000 miles, $7,150. 717-733-2873.

'82 Chevy C10 6.2 diesel 4 wheel drive pickup, 3 speed overdrive, PS, PB, AM/FM, radial tires, 18,000 miles, $7,950 717-733-2873.

'80 Dodge 200 ¾ ton club cab pickup, 318 auto., PB, PS, air, AM-FM, radial tires, $4,500. 717-733-2873.

1965 Dodge grain truck with hoist, good rubber and mechanically sound. 717-284-4648. Call after 6 PM.

International R190 30,000 GVW 1958, good shape, 5 speed, 2 speed rear. Lancaster Co. 717-768-8453, $995.

For Sale - 1974 Chev. truck, 427 motor, air brakes, power steering, 12-23 axle, 17 ft. grain dump bed. 1965 Ford F250 chassis. 717-444-3968.

1932 Model B 1½ ton dump truck, 13½" wheel base restorable--dismantled, $1,200. 717-284-3111.

For Sale - Int. 1610A cab over truck w/16' van body, V8, 5 speed, roll-up rear door, side door, truck in excellent condition, $2,850. 717-865-3488.

For Sale - 1973 Ford 750 cab over truck w/20' cattle bed, V8, 5 speed w/overdrive, 2 speed rear, PS, PB, truck runs like new, $3,850 717-865-3488.

1974 GMC MOTOR HOME, 260, Painted Desert, Self-Contained, Hot & Cold Water, Air Conditioning, Generator, Sleeps 6, Formerly Owned & Meticulously Maintained By General Motors Executive.
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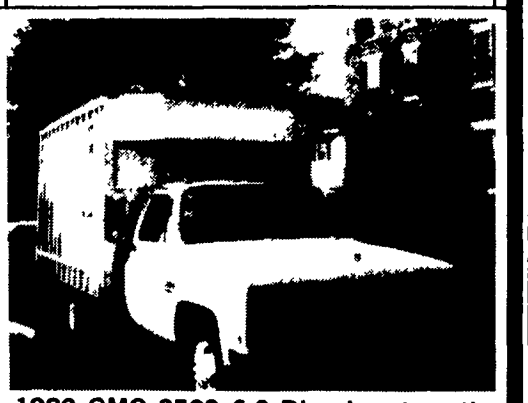
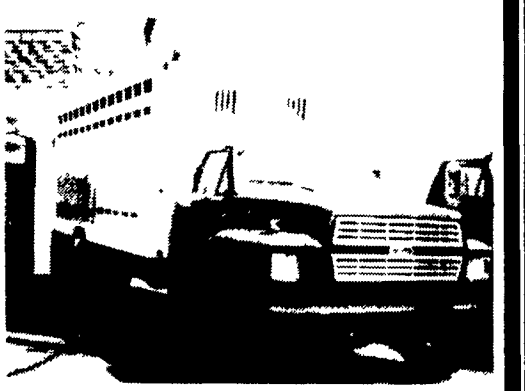


1982 GMC 3500 6.2 Diesel, automatic, power steering, power brakes, AM/FM radio, 12' aluminum cattle body, ready to work.



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1980 Chevrolet 2 ton custom-built flat bed truck w/Detroit diesel engine, 10 mpg, set up to pull goose neck trailer or Reeses hitch, also Hillsboro 30' tandem axle dual wheel trailer with Beaver tail loading ramps & Michelin tires, both units are in excellent condition Financing could be arranged 301-398-2948.

'83 Chevy pick up, V8, automatic, PS, PB, 8000 miles 717-733-9429

'77 Ford Truck with Jerdan roll back, 350 Ranger, 4 speed, PS, PB, good condition, $7950 717-733-9429

FOR SALE - 3300 gal Heil stainless steel single axle water trailer with gas motor and pump Lehigh Co 215-285-6453

TRUCKS & TRAILERS

For Sale - 20' stake body (1) 2 speed rear end Various International parts for 1600 and 1700 series 215-377-4549 Call evenings

NEED CASH? We buy unwanted trucks and parts, scrap aluminum of any kind Wrecked dumps, vans, flats, tank trailers, etc Call 215-944-9871 (evenings).

For Sale - 2 1976 45' Budd dry freight vans Fixed tandem 11x24.5 Budd wheels, $4250 each Call 215-948-7900. Ask for Dave Skipper or Rhonda Bertolet

For Sale - Roll Back and Grain Dumps, 1 ton through tandem, 45 ft and 48 ft roll back and combine trailers, expandable sides All priced to sell. 814-623-9696

(2) 1979 Diplomats, 4 doors w/air.
1978 Ford Fairmont Coupe, 4 speed, SPECIAL $2795.
1980 Champ Coupe hatchback, automatic.
1977 Volari 2 door, 6 cyl. w/air, SPECIAL $1995.
1981 Aries K, 2 door, stick.
(2) Colt wagons.
(2) 1983 Aries 4 door w/air, low miles.

PETTICOFFER DODGE, INC.
Route 230 East Next to Shopping Center
Elizabethtown, PA
PHONE 717-367-1808

1979 International 4300 Eagle conv with sleeper 8V92T 12515, 12x38 axles, power steering, air conditioning, 205" wheel base Jake brakes, aluminum buds all around, radials, Imran paint AM FM cassette, wet line, lots of crome and many extras Asking $35,000 Trailer available

Call **717-833-2784**
or after 6 PM
717-833-5262

REAL ESTATE

For Sale - 13.9 acres zoned agricultural. Close to Middlecreek wildlife area. Modern 3 bedroom, 2 bath log home, $120,000. A. Clark Burkholder R.E. 717-866-5550.

Wanted/Needed - in Lebanon County Farm with 110-150 tillable acres. Stone farmhouse, barn and silo. Call Now! A Clark Burkholder R.E 717-866-5550.

Prime Kent County Farmland - 126 acre farm w/108 acres tillable, yielding 140 bu /acre. Large gunning pond. Prime area - Outstanding buy at $280,000. Call Bonnie Willard, Wyble Enterprises, Chestertown, Maryland. 301-778-3050.

WIMPLE REAL ESTATE STATEWIDE FARMS

EAST/CENTRAL NEW YORK

"THE WOLF IS AT THE DOOR"...last chance for this bargain! Nice working Gable roof barn offers 66 ties on pipeline, (2) 14x40 silos, cleaner, 600 gallon tank, lean-to for heifers, 40x80 manure storage, nearly new milkhouse 160 acres, 140 tillable, well-drained & all in hay Good 2 story home w/3 bedroom apartment $89,000 with VERY liberal terms NOT AVAILABLE FOR MUCH LONGER! PHOTO BROCHURE CALL WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

MOHAWK VALLEY

HIGH-INCOME SHOWPLACE: seldom do you run across a family farm where everything is well-planned and in perfect order This is one There are 231 acres of high productivity soils, 193 tillable Owner grows & grinds his own grain BRAND NEW 53 tie show barn, new 2" Boumatic pipeline, (2) 20x60 silos, new 1000 gallon tank, attached 45 free stalls for young stock Elegant Colonial home INCLUDES 19,000+ lb herd of 89 Holsteins with 48 milking, extra long line of machinery with 4 modern tractors A RARE FIND AT $395,000 CALL WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

SOUTHERN NEW YORK

GOOD 80 COW FARM: 240 acres mostly open land Valuable timber in 50 acre woodlot Barn has 80 stalls with 75x35 NEW Atlantic steel addition, cleaner, 650 gallon tank Very attractive large home with view JUST LISTED! $149,500 For appt call 607-792-3355 or WIMPLE'S TRUMANSBURG OFFICE 607 387 9303

BRAND NEW FREE DAIRY CATALOGUES

REAL ESTATE

Bedford County - 50 cow dairy farm, 240 acres, 96 tillable limestone soil, will divide. For details call 814-847-2833

North of Sadsburyville - Chester Co. 258 Acres Level land, Old Stone House, $2800 per acre Coates Realtor, (717) 442-4134, after hours (717) 354-9534.

South of Honeybrook - 91 acres stone and log house under $2200 per acre Coates Realtor (717) 442-4134 after hours (717) 354-9534.

Top Notch Lewis County, NY Farm. Owner retiring. 400 acres, 109 stanchion barn, large high producing dairy Excellent buildings and machinery 4 perfect seasons with no floods or other disasters Pictures and details on request Priced to sell at $335,000.00 Rozan Farms. 315-376-3994 or write to Michael Rozanski, R.D. 2, Box 186, Lowville, NY 13367

For Lease - Dairy barn including comfort stalls with pipeline, free stalls with feed bunk, 3 silos including sealed corn unit and pasture. OR SALE! All above facilities plus 208 acres with 135 a. tillable, machine shed, and newly remodeled 4 bedroom house, financing through FmHA available. Mercer Co 814-425-7237 evenings

Madison County, N.Y - 280 acre Dairy Farm, 84 stall barn, pipeline bulk tank, two 20x50 silos, outbuildings, two homes, excellent condition, $235,000 315-662-7708.

Year round camp ground close to state game lands 17 camp sites with new sewer, water and individual electric meters. Approx. 4½ wooded acres. $59,900. Contact Freda Wentz at CB/MGM Realty. 717-245-2450 or 717-790-9390.

175 acre farm in operation. Jefferson Co., NY. 40 tie stalls, silo, heifer barn, new milkhouse, woodland $65,000 315-628-5722.

Lebanon County, PA. - farms and farmettes for sale. 5 acres w/owner financing, 2½ story home with outbuildings Near Schaefferstown, $85,000 5 acre farmette with cultured orchard, Stately 2½ story home. Price $85,000. Sale needed to settle Estate North Annville Twp. 115 acre beef farm, $245,000. 47 acre Limestone farm with stone home and barn, $240,000 155 acre beef farm, eighty acres is fenced, stone home. Write or call for descriptive brochure Realtor-Auctioneer: Nelson Ebersole 717-867-4487 Suburban Realty, 30 West Main Street, Annville, PA 17003 Phone 717-273 9358.

FOR SALE - 30 acre farm in Perry county House & Barn, $59,900. Call Francis Ulishney 717-272-2989. Suburban Realty 717-867-4487.

Huntingdon County - 338A Commercial Dairy Farm; 50 Holstein cows; 32 heifers; full line of machinery and equipment; sell as package or any combination of land and buildings, livestock, equipment. Rob Schrack and Associates, Realtors, Huntingdon, PA 814-643-6600.

30 sow-feeder pig operation looking to expand buy or lease with option. 814-259-3703

FOR RENT - Two-story chicken house, 13,000 sq ft., west of Lancaster 717-392-1949

Lycoming Co, PA - 221 acre egg farm in operation Fully automated in line production and processing Equipment and buildings in excellent condition Certified processing plant and egg marketing business also available. 717-324-3594

REAL ESTATE

FOR SALE - 100 acre, prime farm land, beef & grain farm, 12 miles north of Lancaster Owner Retiring Financing Available Lancaster Farming, P.O Box 366, R-8, Lititz, PA. 17543.

Shenandoah County, Virginia Three farms totaling over 500 acres Can divide. Come look, choose, make offer. Phone 703-459-3682

For Sale - 106 acre sheep farm, Greenwood, NY 4 bedrm house, woven wire fencing, 50 tillable, pond next to house with spectacular view Priced at 69,900. Vacant lands via lable $300 per acre. Give us a call or write and let us know what you're looking for

McKenna Realty
Dryden Hill Road
Greenwood, NY 14839
607-225-4256

2 story brick house in Lititz for sale, write to Lancaster Farming, PO Box 366 D-146, Lititz, PA 17543.

Juniata Co. Priced Slashed to $60,000 on this Starter Dairy Farm, 77 Freestalls, 25 Tie Stall, Milking Stable, extra large barn, 2 family home, new kitchen, 10½ acres additional land available for sale or lease. F 4473-11 Why Rent?

Key Real Estate
108 York St.
Hanover, PA 17331
717-632-6400

OXFORD AREA, 54 acres, no buildings over 3000' road frontage $3,000. per acre. Hayes Oxford 215-932-3092; evenings call Tony 215-593-5628.

WEST SADSBURY TWP, Chester County, 24 acre farm, stone house, bank barn, 2500' road frontage, excellent condition and location. Hayes Oxford 215-932-3092, evenings call Tony 215-593-5628.

15 acres clear and wooded land with 12x60 mobile home, Saville Township, Perry Co., $42,000 also two 10 acre tracts, $2,000 acre 717-582-8777.

REAL ESTATE

28 Acre Farmette, Juniata County, remodeled two-story home, barn, outbuildings, pond, $68,000 717-436-8707

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses Write Dept LF, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, PA 15044.

Bradford County Dairy Farm - 140 acres with 100 tillable, mostly flats, in good state of fertility. Additional 60 acres of rented ground available. All new concrete block, 2 story, 44 cow tie stall barn and milkhouse with enclosed manure loading area and heifer barn, 3 silos. Full line of machinery and equipment in excellent condition. 44 registered and grade Holstein cows; 25 heifers. Herd average 17,300, 620 fat. Stately 2 story farm home with 4 bedrooms, 2 baths, garage. This is a top dairy farm, only available as complete package by owner. $370,000 firm. Serious inquiries only 717-673-8891

VERY DESIRABLE FARM

Venango County, 177 acres, 80 tillable; 40 wooded; pasture area with fencing; nicely maintained home with many newer features, 2 or 3 BR's & bath; nice carport, good 2-story barn; silo, poultry house; all mineral rights, bargain priced at only $100,000. No. A-4031. WEST REAL ESTATE AGENCY, INC., 903 North First Street, Titusville, PA. 16354 or call (814) 827-2945.

For Sale - 12x70 house trailer. Was used for School. Ideal for office space also. Good condition. Best reasonable offer will be accepted. Call 717-865-4268 or 717-865-2405

FOR SALE - 45 acres M/L large turkey house in York Co. Tel 717-862-3372.

REAL ESTATE

Dairy Farm - 131 acres, 110 tillable pipeline, barn cleaner, 33 comfort stalls, extra cow shed, heifer shed, outbuildings, 2 silos, large house, pool. Centre County, Owner Finance No Realtors, down payment required. 814-349-8706.

For Sale - Modern 3 bedroom brick and aluminum siding rancher on 7½ acres, $69,000 Beaver Springs, PA Call 717-658-7418.

For Sale - 1½ acre lot near state game lands and creek. 717-527-4093

For Sale - 1 room red brick school house near state game lands 717-527-4093

For Sale By Owner - Lancaster Co., Cocalico area. 14½ A, 390' road frontage, 12 A. tillable balances woods. $4,100.00 per A., 11½ A., 420' road front meadow and woods, $3,900 00 per A., 1½ A corner lot, $14,200.00; 6 unit brick apt. on 1½ A lot 225 Ridge Ave, Ephrata, $126,000.00 Call 717-733-3980.

FOR SALE - 44 acre farm, Lititz area 4-bedroom house, barn, feed lot, 2 silos, layout house, 4-car garage. Owner Financing Available. Lancaster Farming, Box 366, L-28, Lititz, PA 17543

Dairy Farm - 131 acres, 110 tillable pipeline, barn cleaner, 33 comfort stalls, extra cow shed outbuildings, 2 silos, large house, pool. Centre County Owner finance. No Realtors, down payment required 814-349-8706.

FOR RENT - Dairy facilities for 200 cows, free stalls, double fix milking parlor w/automatic takeoffs, plus Delaval Challenger feeders, mixer wagon & silos. 215-588-4704.

For Rent - Dairy facilities. Will sell young, high producing herd and supply feed. Bedford County. 814-839-4271.

REAL ESTATE

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164

Farmette, 12.66 shares, for sale by owner 717-259-9983.

FARMS FOR SALE - Two adjoining farms on hard road. 1. In green Twp., Indiana County, PA., near Alverda, just off Route 553. Acreage - 132, 80 acres under cultivation. Barn 50'x80' with attached milking barn and silo, 8 room house, 2 car garage, truck garage, all in good condition. Pond Good water in house and barn. Natural gas heat, $155,000 2 (Adjoining) 51 acre farm, 35 acres under cultivation. 56'x64' barn, large 4 bedroom frame house (oil heat), garage, all in good condition, $78,000. Call 814-749-7649.

Lovely Gentleman's Farm - 40 minutes north of Harrisburg on 23 acres. Five bedrooms, two full bathrooms and three half baths, very large kitchen, dining room, living room, family room, laundry House is comfortably modern with oil and wood heat, excellent water. New barn is equipped for horses and 4-H projects. Pleasantly private halfway between Millersburg and Elizabethville. Inquire at Drifting Thyme Farm RD 1 box 370 Millersburg, PA 17061. Phone 717-692-3060 for specifications Price $139,000.

91 Acres of Woodland Southern Bedford County. Frontage, Mountain stream, good fishing and hunting - deer and turkey. Near state lands 814-847-2404

Poultry Farm For Sale By Owner. 90 acres, two layer houses, 103,000 capacity, two pullet houses, 22,000 floor birds, 60 acres tillable Barn and machinery shed. Home and tenant house. Possible owner financing. 301-374-2966.

NEW BARN FOR SALE

30'x60' Barn For Sale - Used Only For Motion Picture Filming - Mortise & Tenor Construction - Heavy Douglas Fir Framing - Spruce Tongue & Groove - Sheet Metal - Extra Lumber Remaining.

80% Built, Must Be Removed From Premises by July 10.

For Info. Please Call
717-295-1430
and Ask For Jeff, Ted or Mike

REAL ESTATE

100 acre Southern NY farm, refurbished house, w/w carpeting, electric heat, wood stove, bank barn, machine shed, out buildings. Picture postcard setting. Valley inside a mountain. $69,000. 215-754-7316.

Southern Huntingdon County dairy farm. 175 acres with 150 acres tillable, large barn with 44 stanchions, 2 nice homes, stream and good spring on property. Many other extras, $315,000; Southern Huntingdon County dairy farm. 111 acres, extra good home with 7 rooms and 2 baths. Good barn with 27 stanchions, milk house and wagon shed, $125,000. Colonial Real Estate Agency. 814-447-5511.

Farm For Rent - Immediate occupancy, can be set up for dairy or sheep. 814-698-2400. R.D. 1, Box 180, Shinglehouse, PA. 16748.

For Sale - Dairy Farm, Bradford County, 106 acres, 50 tie stalls, 4 silos, bunk feeder, heifer barn, equipment shed, 3 year old stainless steel pipeline, 4 bedroom house, good condition. Additional acres rentable. 5½ F.H.A. transferable mortgage if qualified. 717-746-1575.

Nice 100 foot lake frontage on west side of Cayuage Lake. Reply to Lancaster Farming, Box 366, K-17, Lititz, PA 17543.

Wanted To Rent - Steer farm in Dauphin, Cumberland or Franklin Counties Would consider other counties with good growing conditions. Call 717-569-4762 or write Lancaster Farming, Box 366, L-25, Lititz, PA 17543

FOR SALE BY OWNER - 200 Acre dairy farm near Brookville, Jefferson Co., PA. with 135 acres tillable (including 50 A. alfalfa), 60 acres pasture, balance buildings and woods 1-40'x224' all steel tie-stall barn, 73 tie stalls, 4 box stalls. 800 gal. milk tank, Universal pipeline, 1-20'x60' cement stave silo 1-20'x70' Cropstone haylage unit, 1-20'x34' Cropstore grain unit. 2 bank barns and 2 machine sheds. 3 2-story dwellings, 2 have large living rooms, dining rooms, 3 bedrooms, forced air heating. 2-car garage. 400,000 cu. ft. free gas. Spring & well water. (814) 328-2511

REAL ESTATE

FREE CATALOG #56 lists ranches, groves horse farms, dairies, acreage & more in NY & 15 other states FREE!

American Farm Digest
3546 Watson, St. Louis, MO 63139
(800) 325-9943

Dairy Farm For Lease:
Potter Co., immediate occupancy, 140 acres tillable and pasture, very nice house, large barn plus other buildings, free gas

Phone
814-698-2400

U S A Buildings Agricultural - Commercial, full factory warranty, all steel-clear span, smallest building 30x40x10, largest 70x135x16 30, 40, 50, 60 ft widths in various lengths Call 24 hrs 1-800-521-0334 ext 540 Must sell cheap immediately, F O B, will deliver to building site

FLASH!
120 cow conventional and free stall operation. Top alfalfa land, large fields, flat to gently rolling, 3 houses, good buildings. Price $280,000. $20,000 down, good terms on balance for qualified buyer. This is a top farm priced right w/only $20,000 down. It won't last long.

Posson Realty has the best buys. Call for appointment.

POSSON REALTY
R.D. #3
Norwich, New York
13815
(607) 334-9727

REAL ESTATE

Somerset County, PA For Sale
Dairy farm complex 2 miles southwest of Somerset 107 cow free stall barn 80x165 heifer barn 30x108 Machine shed 40x60 1 800 ton maintenance free concrete trench plus brick ranch style home with attached 2 car garage Buildings of new type construction on 46 acres of prime developing land All for $276 000 Also milk store for lease and 400 acres of land for sale or rent Phone 814 445 2227 or 814 445 6841

Franklin Co. Farms

190 acres w/150 tillable acres of limestone land

268 acres modern dairy w/double 6 parlor, 210 free stalls

157 acres dairy, 36 tie stall barn & loafing barn

105 acres general farm w/lovely home, make offer

95 acres grain farn, excellent land, modernized brick home

Van Cleve Real Estate
Phone: 717-392-3032
anytime

DOUBLE EXPOSURE
Farms, commercial properties and unusual homes, will be advertised in the Multi-List Services of both Lancaster and York Counties!

OLD STONE
Close to Lancaster, this fine old stone and brick home is waiting for restoration. 6 acres of pasture make this an ideal mini farm for horses Bank barn and stream. Penn Manor Schools 7 additional acres available

HIDE-A-WAY
10 acres of woods and pasture surrounded by hundreds of acres of gamelands and woods insuring privacy and quiet 7 year old delux 2 story home with all extras 3 car garage, 2 fireplaces, heat pump and wood furnace Owner financing available Penn Manor School District

71 ACRES
Several commanding views of the Susquehanna 3 ponds, extensive road frontage Mostly farmable pasture land surrounded by woods Many possible uses Penn Manor School District

PROPERTIES NEEDED
I need listings of small farms, rural land and country homes in any condition in southern Lancaster and York Counties Please call now!!

mott holt realty
299-2578
146 East Walnut St
Lancaster PA 17602
or
426 South Main St
Red Lion, PA 17356
Phone: 244-8556

REAL ESTATE

For Lease
Farm 100-200 acres Southern N J Beautiful 2½ story Modern Home 3 car garage large barn - good out-buildings Large pastures ideal for horses or cattle Price negotiable - write for details and appointment to see Lancaster Farming, Box 366 R82 Lititz, PA 17543

BERKS CO. POULTRY FARM
60 acres, 35,000 capacity layer house, farm house, bank barn, 2 approved mobile home hookups, room to expand in quiet rural setting of dairy farms.
215-562-7776

SHEETZ REAL ESTATE
RAY N. WILEY INC.
323 W. Main St.
Mount Joy, PA
CALL 653-1481

FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

Jefferson County
Good investment property. 169 acre farm on main highway. Approx. 85 acres tillable. Producing gas well with free gas available, plus all coal rights. 1 large brick house, 1 farm house, large barn and machinery shed. Abundant with spring and well water. For further information write to:

Farm Info.
R.D. 3, Box 233
Reynoldsville, PA 15851

Working Dairy Farm
100 Tillable Acres, comfortable house and outbuildings.

Call **Steinbacher Realty**
717-326-3587
or
Ron Barto at
717-584-5266

BETTY Steinbacher REAL ESTATE

SHENANDOAH COUNTY, VA.
Groomed operating beef farm: 113 surveyed acres with approx. 2500 feet frontage on state road. Feeding with storage barn 40'x72'; feeds 74 head; attached shed, framed and penned plus elevator-feeding system. Machine shed with 2 grain bins and attached pole shed Corn crib and hog parlor. All buildings in excellent condition. Approx. 65 acres top-producing cropland, balance fenced pasture with 3 ponds, and spring-fed stream. Good well. 9 room frame farmhouse. Scenic mountain views. 1 mile from I-81. $245,000.00
Call: Marty Kamm
Pangle Real Estate& Auction Co.
933 South Main Street
Woodstock, Virginia 22664
459-2113 or 459-4854

GETTYSBURG AREA FARMS
126 ACRE FARM - In good production, 120 acres tillable. Great for grain, horses or cattle. Pre-Civil War 2½ story house, bank barn, 2 car garage and outbuildings. $197,500 (#13191LF)

80+ ACRES - About 25 acres of woods and 55 acres of fertile tillable land. $110,000 (#12953LF)

ERA
MARSHALL L. MILLER, INC. REAL ESTATE
717-334-6283 or
Outside of Adams Co.
Call 1-800-443-2781,
Ext C-53

LANCASTER COUNTY DAIRY FARM
90 acres, 80 tillable, nice dairy set-up, several large silos, bunk feeders, financing available, price greatly reduced. Take a look and take advantage of this situation.

FARM & HOME REAL ESTATE
Smoketown, PA
717-291-2270

Sylvester Baum, Carlisle, 717-776-3967
Harlan Keener, Willow Street, 717-464-2669
Mahlon Oberholtzer, Lancaster, 717 392 1177

Broker-J Irvin Denlinger
717-898-8962

FRED E. MORROW REAL ESTATE
New Bloomfield, Pa. 17068

Perry County Farms:

230-acre general farm - 174 acres tillable, 20 pasture, 36 timber. 2½-story brick, 4 bedroom dwelling. 50'x100 bank barn, silo, grain storage and other outbuildings. Good stream and spring. Asking $325,000.00

130-acre general farm. 100 acres tillable and good stream. Large 6-bedroom, stone home and 50'x100' bank barn. Asking $155,000.00

Fred E. Morrow, Broker
Phone: Office 717-582-8616
Home 717-567-6665

SOUTHERN NORTHUMBERLAND CO. & SURROUNDING COUNTIES

110 acre farm prime land, large home, 90 tillable, large bank barn, $179,000. Call Peter.

60 acre farm, lg. home, wood or oil heat, bank barn, small orchard, $69,000. Can be bought with equipment extra. Call Peter.

Herndon Area 2 Farmettes $35,000 & $49,000. Call Peter.

Lykens Valley 90 acres, 85 tillable, 3 bedroom home, large bank barn, $225,000. Owner financing. Call Ralph.

400 acre grain and vegetable farm, large quantity of water for irrigation, new barns, extra nice home, 220 tillable, large quantity of low rent ground available, $500,000. Call Peter.

Plain acreage, 25 acres, 12 tillable, 12 woods, large trout stream $37,000

PETER B. CORTELYOU
Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177
Ralph Deibler, Salesman 717-692-2587

PENNA FARMS
CUMBERLAND CO.

New Listing - 85 acres general. Bank barn, pole implement building, 2 story frame dwelling, stream, road and creek frontage Owner financing

153 acre dairy 40 comfort stalls additional lounge area DeLaval pipeline milkers 1500 gal tank Patz stable cleaner 2 story brick dwelling road frontage beautiful view

98 acre dairy farm, Hagerstown limestone soil 35 stanchions 500 gal bulk tank Surge milker pump w/4 DeLaval units Sputnik transfer system Badger stable cleaner 12x60 silo w/unloader corn stgr imp shed new heifer barn 20x72 lg 2 sty brick dwelling Near Carlisle Pa

60 acre beef & hog. Limestone soil, road frontage, 3-bedroom log dwelling

127 acre general, 102 crop acres, bank barn NO DWELLING ~~UNDER CONTRACT~~ PRICE ADJUSTED $89,90(Under Contract

FRANKLIN COUNTY

150 acre m/l dairy 73 tie stalls 800 gal Girton tank dumping station DeLaval milkers 16x50 stave silo Badger stable cleaner stream through pasture road frontage 9 room brick dwelling needs some repairs Just $160 000

168 acre dairy. Limestone soil, 38 stanchions pipeline milker 1000 gal tank, 44 free stalls 40x70 pole barn, 3 bedroom stone dwelling, road frontage

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 258-3231

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa
Ph (717) 243-6195

Huntingdon County
160 acre farm, frontage, woods, fields, stream, spring, home, barn, out buildings Beautiful view. Owner financing.
Koon's Real Estate, Inc.
717-597-8300 or 717-263-5702

SUSQUEHANNA COUNTY

SEE IT! Excellent working dairy farm. Barn has 106 tie stalls 30x60 silo w/unloader, 2 barn cleaners, heifer barn in workshop, 1,000 gal. bulk tank & all equipment on 70 tillable acres. Farmhouse recently remodeled plus separate mobile home hookup. Available immediately w/crops. Asking $137,500.

Dairy-Beef Farm with 151 acres and good set of buildings. Large farmhouse, dairy barn, garage, good silo. To settle estate - $99,800

DON'T MISS IT! 75 acre beef and/or sheep farm, 2 large barns, garage, 4-bedroom home, recently remodeled, reduced from $100,000 to $85,000 for quick sale.

For appointment contact
WAYNE R. ADAMS REAL ESTATE
R.D. 1, Box 116
New Milford, PA 18834
717-465-3620

BROILER FARM

53 acres w/pasture and barn, remodeled home. (2) 2 story broiler houses. Manheim R.D. #3

717-665-6656

NORTHUMBERLAND CO.

Dornsife, Pa.

Nice 3 bedroom house, dishwasher, electric range, more than 14,000 sq ft chicken house, 1st floor concrete ideal for pigs or steers elevator, heating system in part, frame bank barn, work shop with daylight basement, 2 car garage on 2 acres East of Dornsife Rt 225 Excellent buy at $85,000

ALLENTOWN

Available with or without crops owner financing 150 free stall housing holds 200 head milk parlor bulk tank silos high moisture corn silo dairy store slaughter house coolers freezers Two houses on 130 tillable acres For information call

CENTRE CO.

Rebersburg

Farmalnd 45 acres along Rt 192 Nice farm ground Also 22 acres woodland at Spring Mills for $15 900

MANHEIM

7 acre farmette, 2½ story 4 bedroom house, barn & two car garage

Donald R. Witwer,
Broker
Ephrata, PA
717-738-1458

EXCLUSIVE PA FARMS FOR SALE

See our detailed ad in the June 16 and July 7 issues.

Please call or write our office for detailed farm list.

PAUL M. LONGACRE REAL ESTATE
Box 186 Rt. 100
Hereford, PA 18056
215-679-5919
Also licensed in DE, MD & NJ

BEDFORD COUNTY

110 acre general farm. 60 acres tillable. River frontage. Lovely remodeled 2 story home. Barn and garage. Private setting. Exceptionally nice. Possible owner financing.

Near Everett - 20 acre tract, mostly wooded, stream through property. Good timber, hard road frontage Beautiful setting Owner financed, $1,000 per acre.

Near Bedford - 125 acres mountain land, very nice, 20x24' cabin adjoins state game land Asking $68,750

North of Bedford - 53 acre general farm. Approx. 40 acres tillable, nice fields, remainder in woods Good barn, 2 story frame home, garage and out building. Hard road frontage Very nice Only $85,000 Possible owner financing.

Gloria M. Ritchie Real Estate
112 North Richard Street
Bedford, PA 15522
Phone: 814-623-9009 or 814-623-2289

SALE OF FARM BY UNITED STATES GOVERNMENT

Farmers Home Administration, 5 East Avenue, Wellsboro, PA. 16901 has for sale the following property: 118 acre farm located approximately 5 miles east of Lawrenceville, PA. Includes a dwelling, dairy barn with milk house, garage and drilled well. Land use breakdown is as follows: 71 cropland, 40 permanent pasture, 3 woodland with balance in farmstead and roads. Formerly owned by Charles R. Monger Jr. located in Townships of Jackson and Lawrence, County of Tioga, PA.

Terms: Cash or financing possible on terms of not less than 5% down with the remaining balance amortized over a period not to exceed 25 years at an interest of 10¾%. Property may be inspected by calling Farmers Home Administration at (717) 724-4812. Sealed bids, with a deposit of not less than 5% of the bid in the form of cash (sent at bidder's risk), cashier's check, certified check, postal money order, or purchaser's check made payable to Farmers Home Administration may be sent or brought to the Wellsboro office. Bids will be accepted until 1:00 p.m. July 12, 1984 at the Farmers Home Administration, 5 East Avenue, Wellsboro, PA and will be opened publicly at 1:30 p.m. the same date and place.

The government reserves the right to reject any or all bids. The deposit of each unsuccessful bidder will be returned promptly by certified mail with a letter of explanation. The property will be sold without regard to race, color, religion, sex, age, national origin or marital status.

SALE OF FARM BY UNITED STATES GOVERNMENT

Farmers Home Administration, 5 East Avenue, Wellsboro, PA. 16901 has for sale the following property: 118 acre farm located approximately 5 miles east of Lawrenceville, PA. Includes a dwelling, dairy barn with milk house, garage and drilled well. Land use breakdown is as follows: 71 cropland, 40 permanent pasture, 3 woodland with balance in farmstead and roads. Formerly owned by Charles R. Monger Jr. located in Townships of Jackson and Lawrence, County of Tioga, PA.

Terms: Cash or financing possible on terms of not less than 5% down with the remaining balance amortized over a period not to exceed 25 years at an interest of 10¾%. Property may be inspected by calling Farmers Home Administration at (717) 724-4812. Sealed bids, with a deposit of not less than 5% of the bid in the form of cash (sent at bidder's risk), cashier's check, certified check, postal money order, or purchaser's check made payable to Farmers Home Administration may be sent or brought to the Wellsboro office. Bids will be accepted until 1:00 p.m. July 12, 1984, at the Farmers Home Administration, 5 East Avenue, Wellsboro, PA. and will be opened publicly at 1:30 p.m. the same date and place.

The Government reserves the right to reject any or all bids. The deposit of each unsuccessful bidder will be returned promptly by certified mail with a letter of explanation. The property will be sold without regard to race, color, religion, sex, age, national origin or marital status.

THIS ONE IS FOR YOU

97 Acres (m/l), 92 tillable, 5 pasture, 3 Harvestores, 75 free stalls, 4 in line parlor, 1,000 gallon milk tank and large home. Second farm available for rent with this purchase, 106 acres, barn plus ½ house. Owner will finance. Call today, this one we need to talk over.

RICH BRANDT FARM REAL ESTATE
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

SALE OF FARM BY UNITED STATES GOVERNMENT.

Farmette containing 16 acres, 11 cropland, 3 woodland, with balance in farmstead and roads. 1 poleshed 60x90 built in 1978, modern 2-story aluminum-sided dwelling, full basement. Formerly owned by Kenneth S. and Fay A. Horning, located in Township of Jordon, County of Northumberland, PA. 3 miles NE from Pillow off PA Route 225.

BID DEPOSIT: Bid must be accomplished by cash (sent at bidder's risk), certified check, cashier's check, postal money order, bank money order or personal check, payable to the Treasurer of the United States, for at least 5% of the total bid.

RATES AND TERMS: Cash or terms of not less than a 5% down payment with the remaining balance amortized over a period not to exceed 25 years at 10¾% interest.

TERMS OF SALE: Contact County Supervisor, Farmers Home Administration, 1127 Old Berwick Road, Bloomsburg, PA 17815, for appointment to inspect the farm. Sealed bids are invited and will be accepted until 4:30 p m. EDST, 6-29-84, at the Farmers Home Administration, 1127 Old Berwick Road, Bloomsburg, PA 17815, and will be opened publicly at 9:00 a.m EDST, on 7-2-84, at the Farmers Home Adminstration, P.O. Box 252, Federal Building, Lewisburg, PA 17837. The Government reserves the right to reject any or all bids This farm will be sold without regard to race, color, religion, sex, age, national origin or marital status.

Further information and bid forms may be obtained at the Farmers Home Administration, 1127 Old Berwick Road, Bloomsburg, PA 17815, Telephone (717) 784-9033

FARMS FOR SALE

50 Acres, 3 year old, 3 bedroom ranch 25 acres tillable, garage and workshop, possible financing available, asking $119 000

117 Acres, stone farmhouse and stone outbuildings, approximately 75 acres tillable 25 acres pasture, asking $1,800/acre possible financing

139 Acres with approximately 2 miles of road frontage farmhouse and barn sellers will divide, and possibly finance asking $2 517 per acre

242 Acres, approximately 181 tillable, fronts on 2 sides of a county road gently rolling, large creek frontage, asking $2,000/acre

257 Acres, 230 tillable, approximately 1 5 miles of road frontage, pond good location, asking $1,950 per acre, possible assumption of large 2nd mortgage to qualified farmer at low interest

96 Acres, 71 acres open, modern 3 year old dairy farm, 170 free stalls, 12 cow clay trigon milking parlor, 2 six-ton feed bins, turn-out shed, 41 stanchion bank barn, wood and wire fencing, heated office, 3 bedroom, stucco over stone, farm house, west of Fair Hill, MD asking $575,000

147 Acres, 131 tillable acres (highly productive), magnificent 5 bedroom brick residence (extremely well appointed), 2 bedroom, self-contained guest house, substantially improved outbuildings are part of a modern, well maintained livestock operation, seller will entertain financing, impressive operating farm!

552 Acres± waterfront (Eastern Shore), 350 Acres± tillable, 8000'± of waterfront, 100 year old farmhouse, several barns, pond, excellent hunting! Asking $2717/Acre Owner financing!

396 Acres±, approximately 353 tillable, 3½ miles± of road frontage, some on major highway, some financing available, may divide Average $2358/Acres

321 Acres approximately 200 tillable, Cecil County, Maryland Magnificent restored brick residence, 60x200 "free span" wood building, additional barns manager's house, long private drive good soils middle of large estates and Farms! Will divide

For more information please call:

LAND AND FARM DIVISION
(302) 737-4660
Patterson-Schwartz REALTORS
Large Selection of Farms in this Area

REDUCED-ANXIOUS
Retire to 3 BRc country rancher, $25,000 Taxes $519/yr (M1563)

FARM REDUCED
$59,500 $14,600 dn, 10% int, 20 yr, $434 26/mo House barn, 66 ac Rt 15 frontage, riverbottom, extra lot with house foundation (M1500)

90 ACRES
near State Lake, open/woods $47,500 terms (M1561)

58 ACRES
accessible yet private, stream $27,840 (M1595)

36 ACRES
mostly tillable, hard road Ideal homestead $25,200 (M1573)

2.5 ACRES
woods, nr State Land & Lake, $4 700 terms (M1583)

FREE BROCHURE

ERA-Homestead Realty
267 S. Main St
Mansfield, PA 16933
717/662-3287

11 WOODED ACRES
septic, driveway elec, private retreat $12 500 (W831)

LODGE
surrounded by State Land/Pine Creek 4 BR fireplace 2 cr garage attractive terms $69 900 (W828)

FURNISHED RETREAT
nr ski slope, private airstrip, fully furnished, 4 BR $39,500 (W822)

52 AC. FARMETTE
trout pond, views, private $49,900, utilities for second home (W820)

LOG HOME
6 gorgeous acres stream, very attractive, $79,900 (W817)

DOUBLE STORE
Main Street, college town 2 apts, $79,900 (W816)

108.7 ACRES
woods/open $54,000, $13,500 dn, 10%, 25 yr $368 02 /mo (W748)

FREE LISTS

ERA-Homestead Realty
23 E. Ave.
Wellsboro, PA 16901
717/724-7161

MOUNTAIN VIEW FARM
Fireplace pond 5 BR house, part wooded 154 ac $75,000 (D346)

POTTER LAND
8 5 acres, township road frontage, all wooded Owner terms $5200 (D307)

NEW YORK LAND
44 acres, drilled well easy access Mostly open $10,000 (D305)

LOG CABIN
& 38 acres great views, fireplace & electric heat Good hunting area $44,900 (D322)

CAMP IN TOWN
boro utilities 4 or 5 bedrooms needs paint paper & elbow grease (D335)

ERA-Homestead Realty
168 W. Main St.
Westfield, PA 16950
814/367-2222

ERA

FARM AVAILABLE NOW PRICED TO SELL!

120 acres, 20 mile from Carlisle, nice level fields, several ponds and stream for irrigating, large bank barn and house with all improvements, large mobile home on property, owner will offer financing. Call 717-249-1165 after 5 PM

Southern PA

Freezer locker plant and meat market.

215-562-2787
or
215-944-9049
evenings

CUMBERLAND COUNTY

150 acre dairy, limestone soil, approx 100 tillable, 40 tie stalls, 14x60 and 10x40 silos Second barn with 10x50 silo 2 streams, nice large stone house, 9 room, 1½ bath, large center hallway 3 fireplaces Beautiful view Call

717-776-7650

RESIDENTIAL-FARM SPECIALISTS-COMMERCIAL

JOHN H. REOHR
REAL ESTATE BROKER

AUBURN, N.Y
315-253-3813 - Res. 315-252-1046

65 Acres - Excellent Home Cattle Barns. Retirement Gem. $92,500.

227 Acres - 54 Tie Stalls - 2 Silos - Pipeline $225,000.

For Sale
400 Acres Dairy Farm
On Lake Ontario

2 sets of excellent buildings, 1,000 feet of shore frontage

$200,000 25% Down
Will Finance Balance at 10%

John G. Weiler • Three Mile Bay
New York 13693 • **315-649-2455**

221 ACRE FARM

2" stainless steel pipeline, tank, 3 silos, overlooking Seneca Lake.

For Sale or Lease

Owner financing.
607-243-8669

SANFORD G. LEAMAN, REALTOR

717-569-4264
Auctioneer

ESTATES • APPRAISALS • LIQUIDATIONS

AUCTION JUNE 30, 1984

Beautiful ranch home near a stream with ¾ acre living room 2 car garage large roofed patio & full basement To be offered for AUCTION SATURDAY JUNE 30 1984 at 12 00 noon OPEN HOUSE JUNE 23 2 4 by Neil Wigenroth Personal property to be sold starting 9 30 A M See AUCTION SEC

BRADFORD COUNTY

500 acre dairy, 100 cow capacity free stall barn, large silos with unloaders machine shed 200 acres woodland with some timber, 220 acres tillable 80 acres pasture A beautiful farm ready for new owner Double six Herringbone Universal milking parlor $620 per acre Call David and Laura Cooley at 717 744 2587

Operating 345 acre dairy farm with an access of 180 acres tillable plus approx 80 acres or more pasture Balance woods and timber Beautifully modernized 200 year old home plus a second home 54 tie stalls, milk house, bulk tank silo with unloader Room for young stock Can be bought with stock and equipment for a turn key operation Call David and Laura Cooley 717 744 2587

CUMBERLAND COUNTY

Going dairy farm with quick possession if needed Modern setup and limestone soil in Mennonite area

HUNTINGTON COUNTY

130+ acre dairy excellent farm with private financing Call 717 569 4264

85 ac woodland near Orbisonia Subdivision possible

191 ac General farm in the Three Springs area Excellent for subdivision with good amount of road frontage

LANCASTER COUNTY

37 acre poultry and general farm with double brick and frame dwelling Other out buildings Lots of road frontage excellent soil Fall possession Call 717 569 4264

Modern dairy with Lg stone farm house in National Register sm brick home tobacco shed corn cribs silos & unloaders Limestone soil in a high state of cultivation Available fall 1984 NOT AVAILABLE through any other broker

Feeder pig setup with liquid pits feed bins modern crates and nursery pens Tobacco shed and silo on 50 acres limestone farmland Large 4 bedroom modernized farmhouse ready for your inspection

STONE FARMHOUSE circa 1800 in West Earl Twp modernized and restored in good taste You must see this fine home with 3 5 acres with barn & silo available so you can have horses etc CALL 569 4264 for details

NORTHUMBERLAND COUNTY

Dairy farm with brick house 12 cow milk stable 2 Star silos w/unloaders lg 40 x 132 commercial bldg priced for quick sale and possession 200 acres plus with more land available w/modern free stall dairy operation and double 6 parlor Too many extras and features to describe here A Real Buy

PERRY COUNTY

20 acres mostly wooded nice 2½ story dwelling large pond good for a hunting lodge or retreat close to Fowler s Hollow

130 ac general farm 100 ac tillable stream 1800 s double stone home Large bank barn lots of road frontage and owner financing

59 ac with 49 ac farmland bal wooded no bldgs only 10 miles from Carlisle JUST REDUCED

68 acres in Blain area with house barn and cabin ideal for a sub division There are approx 10 000 fir trees planted for your future sale & income 717 536 3236

Mountain land in many counties some with cabins springs water timber and road frontage Good deer bear and turkey areas

SNYDER COUNTY

135 acre dairy with 25 A woodland balance pasture and farmland An ex cellent farm for the money AVAILABLE FALL 1984

SUSQUEHANNA COUNTY

110 acre dairy with 70 acres tillable 66 stanchion cow barn bulk tank barn cleaner silos & unloaders A real super buy at $139 500 Call David and Laura Cooley at 717 744 2587

For all your REAL ESTATE needs in any COUNTY call us we're the REAL ESTATE professionals

BRADFORD CO AREA MR DAVID A COOLEY, SR AND MRS LAURA M COOLEY (717) 744-2587

PERRY CO NEIL WINGENROTH (717) 536-3236

101 White Oak Drive
Lancaster, Pa. 17601

#252 - A 2 Bedroom Rancher - Nestled in the pines with 7 acres of land The kitchen and dining area are combined with a nice fieldstone, fireplace, one car garage. This is just the right home for that retired couple or the newlyweds! $44,900

#260 - Newer Home with Acreage - This attractive newer home is 6 years old with 2-3 bedrooms, kitchen with open beam ceiling, and living room with cathedral ceiling full basement Also trailer site with all utilities, nice setting on 17 acres and there is a nice barn $52,900

#267 - Great Place to Raise Your Family And there is lots of room! 7 rooms, 5 bedrooms, 2 floors, extra large kitchen with lots of cupboards, island is in center, all kinds of closet space, central vacuum system, brick fireplace, 2 garages. This is a very well built home and attractive on 1 acre $49,500

#269 - A-Feel Right at Home - In this3 bedroom rancher, in the country with 101 acres, nice pond, country stream You have to see it! $69,400

ENDLESS MOUNTAIN REAL ESTATE

#1-203-A
Covington, Pa. 16917
Phone Office 717-659-5684
Res. 717-549-4173

NORTHCENTRAL, PA. FARMS & INVESTMENTS

TIOGA COUNTY PULLET FARM

Opportunity for those wanting to relocate out of the flu area. 26,000 bird coop in excellent condition. Attractive long term lease available. 66+ acres plus several other out buildings & barns. Beautiful 2 story, 4 bdrm home. Just $169,900 M-643. Seller motivated to move closer to home. Wants to sell now!

DAIRY FARM UNDER $100,000

Approx. 120 acres. 48 cow tiestall barn. 2 rows B/back. Pipeline, pump, milking equip., & barn cleaner. Need bulk tank. 20x70 Harvestore w/Goliath unloader. 2 story frame house, just $98,500 Federal Land Bank Financing available to any qualified buyer. M-635

180 ACRE DAIRY FARM

Approx. 180 tillable, 66 tiestall barn in 3 rows. Pipeline w/800 gallon bulk tank. 20x60 w/unloader. Mow conveyor. Heifer barn & machinery shed. Remodeled 4 bdrm home. Approx. $130,000 of existing FLB & (FHA 5% int.) farm loans. Spring possession. Priced right at $165,000 M-603

THE Real Estators

Offices. Area Code - 717
Tioga, Potter & Bradford Counties call or write
MANSFIELD, RD 1, Box 41 662-2138
TOWANDA, Bridge St 265-3171
OUR #1 AIM IS SERVICE

CENTRAL PENNA. FARMS

CUMBERLAND COUNTY

25 acre farmette, modern brick house, bank barn. Call Mr. Niesley.

19 acres mountain land, $17,000.

18 acrs. woodland, $17,500/Mr Niesley

JUNIATA COUNTY

186 acre executive's paradise, 10 room ultra-modern house, bank barn, greenhouse, potential for private air strip, 3 ponds, 1 mile creek frontage, secluded Call Mr Crawford

60 acres of timberland. Call Mr Benner.

7 acre property w/frame rancher and stream, $42,500 Call Mr Benner

MIFFLIN COUNTY

90 acre dairy, 60 freestalls, liquid manure, 2 silos, large implement shed, modern frame house Call Mr Crawford

YORK COUNTY

70 acre general, plush 2 story brick house, bank barn, implement shed, farm pond, 100 yard setback Call Mr Niesley

JOHN B. NIESLEY REAL ESTATE

32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177
CHARLES D. SMITH - 717-789-3125

LANCASTER CO. FARMS AVAILABLE

NEW LISTING
OPPORTUNITY EXISTS

A Lancaster Co. Farm for horses, hogs, vegetables, sod or other uses. Rolling land w/frontage on Rt. 23, beautiful creek for irrigation. Must take a look at this farm, 48 acres. Priced at only $139,500.

SOLANCO

60 Acres, 16 stall horse barn w/tack room. 2 story 4 bedroom, 2 bath home w/2 car garage, mobile home adds additional monthly income. 30+ tillable, woods & fenced in area. Call today, $165,000.

ATTENTION INVESTORS

YORK COUNTY

Southern York Co.

Southern York Co farm, excellent soil, some pasture & woodland, ideal setting, road frontage, loose housing for 100 head, bunk feeder, buildings in good condition, brick farmhouse, 75 acres, priced to sell at only $199,900

Under $2000 per ac. Limestone, ex cropland level to easy slope, 130 tillable ac + some woodland, no buildings

Also, nearby 135 ac grain farm, large stone home w/character. Owner ready to negotiate to your advantage If you prefer will lease back land for 5 years at 100 per tillable acre Be sure to call on these

BEAUTIFUL HILL COUNTRY

South of Selinsgrove, 15 acres, frontage, stream, woods, 2 story house w/2 car garage, quiet location Priced in the mid 30's.

BERKS CO.

8 acres woods, small meadow, stream, horse barn, large 2 car garage, neat small rancher w/beautiful living room fireplace. Quiet setting. High 60's

MONTOUR CO.

108 acres secluded w/view, nature lovers delight Walk among streams, pine, hemlock and walnut trees Harvest wood for your winter use, 60 acres of tillable contoured fields, good soil. Low 90's Possible owner financing. Just minutes from Danville and Interstate 80 Sunbury

KINGSWAY REALTY

REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Ephrata 717-733-3344

Sale By Owner

130 acre farm, Schuyler County, New York. 110 acres tillable in good condition. 15 acres of woods with some timber. Field is nice to work. Barn 32x60 - shed 20x36. 2 story house is in good condition. 4 bedrooms up, 5 down, one both coal or wood furnace. $75,000 with terms, with good down payment. Mortgage at 9%.

Phone: 607-776-3907
Call after 6 PM
Delbert Hawley
10 South Fowler St.
Bath, NY 14810

JUNIATA CO. DAIRY FARM

All you need to start milking on this 247 acres is a bulk tank and gutter cleaner 40 modern tie stalls presently adapted for beef or heifers. 14x50 and 12x35 Fickes silos 108 Tillable, Class II & III in high state of fertility, 9 acres Pasture with spring, and balance woodland, some timber, with pond. 4 bedroom house Seller financing on 2/3 price of $217,000.

MARLIN H. FIELDS REAL ESTATE
7 So. Main St., Mifflintown, PA 17059
Don Bashore, Realtor
Office (717) 436-8839
Residence (717) 436-9213

PERRY COUNTY

Quiet location on Rte 850 near Ickesburg Charming stone farm house in very good state of repair Barn and large chicken house 8 acres Reduced to $70,000 Five additional wooded acres also available

CUMBERLAND COUNTY

34 acre farm along Rte 11 five miles east of Shippensburg Solid 2 story dwelling Good bank barn and other outbuildings Limestone, 20 acres tillable, balance in fenced pasture priced right at $89,500

REVERE REAL ESTATE
115 West High Street
Carlisle, PA 17013
717-243-9200

new pennsylvania realty, inc.
717-386-5000 Schuylkill Office

MODERN BEEF FARM!

150 ACRES, 2 Harvestores, Feed Lot For 350 to 400 Head!

WE NEED 50 ACRE (m/l) FARM!

Stone house preferred, good location with buildings set back from the road. Berks or adjoining counties. Will pay up to $250,000.

Call **CARL JOHNSON**
215-367-6160

WOODED ACREAGE

32 wooded acres within walking distance to State Land, excellent deer, turkey hunting area. Springs, could be subdivided, terrific spot for secluded cabin, owner financing with 25% dn , 12% int., 15-20 yr amort, 3-5 yr balloon. W-755 $28,800

CAMP

Hills Creek area hunting camp and retreat, 15'x20' log camp, 5 acres mostly wooded, privy, stream, secluded, close to State Lands. $11,500 W-751

SMALL RANCH

Farmette on 40+ acres, good views, 3 bdrms, 1½ baths, fireplace and bar in bsmt family room, barn in good shape for storage, cattle or horses, close to town, but on dirt road, great for privacy W-778 $59,500

JUST REDUCED

40± secluded & wooded acres. Ideal for a weekend or hunting camp. Close to two new dams, fishing, boating, swimming. State & Federal land for hiking & hunting. Owner will finance for qualified buyer with 25-29% DN at 11% int. variable terms with 5 yr. balloon. Reasonably priced at $17,500 00 W-761

Century 21®
THE REAL ESTATERS OF WELLSBORO
120 East Ave., Wellsboro, PA 16901
717-724-5921
Call or write for free list.

5 PERCENT ASSUMABLE MONEY??

It's True! Farmers home loan available to qualified candidates to begin working this 176 acre, 150 tillable dairy or ideal for beef or horses. Very private, secluded setting. Special, unspoiled Colonial home w/hand hewn beams, new kitchen. Older barn with 40 stanchions and 30 stall heifer wing; needs some fixing but what great terms here! OFFERS WANTED NOW!

BEST SMALL FARM BUY ANYWHERE!

Unbeatable price matched with a very private beautiful setting. Center hall Colonial home overlooks 155 acres, 120 tillable with large, easily worked fields. 30 acres wooded and a nice pond. Barn. 40 Stanchion. Super potential here for any type of working farm or a very special setting for country living You may never see this value again offered for $87,000.

Homestead Realty
Auriesville Road RD 1
Fultonville, NY 12072
581-922-6301
or 518-922-8899

CENTRAL PA FARM LISTINGS

CENTRE COUNTY

GENERAL FARM - 154 acres (147 tillable) Suitable for livestock or grain farming Sound 2-story house, bank, barn, good road frontage, nice lane, highly productive limestone soil Bellefonte area $238,500

GENERAL FARM - 103 acres (30 tillable and pasture, 70 woodland, 3 site), 2 story house, bank barn, garage and workshop, guest house, implement shed, chicken house, smoke house and several other sheds $119,900

GENERAL FARM - 215 acres in Curtin Township near Romola, adjacent to Sproul State Forest Picturesque with tillable and wooded acreage, 2-story house, 2-car garage, very good condition Stream provides water for house and pond Ideal for recreation $150,000 Owner Financing

RECREATIONAL OR FISH FARM - 137 acres (62 tillable, balance pasture and woodland), 3 large ponds, large recreational building, 2-story house (fair condition), 2 trailers, secluded setting Near Spring Mills $149,400 Ideal for fish farming

GENERAL FARM - 154 acres (69 tillable, 26 pasture, 56 woodland), very sound 2½ story brick house, bank barn, garage, pond, nice setting Near Potters Mills $199,500 Buildings and 55 acres can be purchased for $144,500

LIMITED ACREAGE DAIRY FARM - 48 acres (38 tillable, balance pasture and site with pond), 2 story dwelling very good dairy facilities, free stall heifer barn, concrete stave silos with unloaders, and 2 story bank barn $155,000

CLEARFIELD COUNTY

GENERAL FARM 111 acres (65 tillable, balance pasture and woodland) Barn house, outbuildings and farm pond Includes surface rights for coal stripping Near Glen Richey $126,000 Also available as 29 acre farmette $58,500

FARMETTE - Near Kylertown 18 acres with house, barn, pond and pasture $33,500 Adjoining is 54 wooded and tillable acres with rustic contemporary home $86,000 Also 10 acre parcel of clear land $8,500

CLINTON COUNTY

LIMITED ACREAGE HOG AND DAIRY FARM 14 acres with a 2 story dwelling bank dairy barn with 37 tie stalls, gutter cleaner and bulk tank 14' x 50' silo with unloader, 400 head capacity Nebraska style hog finishing building 3 bay garage/workshop $115,000 36 acres of tillable Hagerstown soil available at $1,500/acre Owner Financing 9% interest, 28 years no call provision

COLUMBIA COUNTY

HOG AND BEEF FARM - 233 acres (130 productive tillable 19 pasture, 79 woodland) Excellent house, good barn adapted for farrowing and finishing hogs outbuildings, nice setting $275,000 10% Owner Financing

HUNTINGDON COUNTY

LIVESTOCK FARM - 419 acres (approx 220 tillable, 140 pasture, 59 woodland) Buildings include a brick home, 2 barns, garage, 2 silos, 2 large equipment sheds 3 ponds are situated near the buildings $345,000 Owner Financing

DAIRY OR GENERAL FARM - 129 acres (70 tillable, 52 pasture, 7 woodland and site) Sound 2 story aluminum-sided house, bank barn with 43 tie stalls and new gutter cleaner, milk house, 14' x 60' Lancaster silo, new 40' x 60' implement shed, pond and swimming pool Near Petersburg $169,000

GENERAL OR RECREATIONAL FARM - 146 acres (25 tillable, balance pasture and woodland), 40'x60' bank barn, excellent water supply with 2 springs, pond, stream Very poor house 8 miles southwest of Huntingdon $100,000 OWNER FINANCING

LYCOMING COUNTY

LIVESTOCK OR DAIRY FARM - Near Lairdsville 270 acres (165 level, very highly productive tillable) Good 2 story house, bank barn, 60 x 120' cattle barn, suitable for freestalls, 20 x 60' Harvestore, 2 streams Owner financing $325,000

RIVER BOTTOM FARM - 150 acres (118 acres tillable), good house, barn, silo, grain storage, Susquehanna River frontage, very productive, well maintained farm 10% Owner Financing Adjoins farm listed below Muncy area $325,000

RIVER BOTTOM FARM - 123 acres (100 acres tillable) excellent stone and frame house, workshop/implement shed, large bank barn, grain storage, silo, Susquehanna River frontage, very productive and well maintained farm 10% Owner Financing Adjoins farm listed above $325,000

RECREATIONAL FARM - 290 acres (40 tillable bottom land, 10 pasture, balance woodland), frontage on Route 220, substantial Muncy Creek frontage, 2-story house, sound bank barn 7 miles north of Hughesville $187,500 OWNER FINANCING

MANY LAND PARCELS AND FARMETTES AVAILABLE
CALL OR WRITE FOR FREE LIST.

FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705
(Bedford) Richard D. Reed (814) 839-4271
(Huntingdon) Rachel Port (814) 669-4194
Don Myers (814) 422-8111
Mel Rockey (814) 466-6688

KISSINGER LEONARD & BROWER Realtors
Frederick J. Kissinger, Realtor
William H. Leonard, Realtor
Ralph F. Brower, Realtor
245 S. Allen St.,
State College, PA 16801
(814) 234-4000

The Professionals in Farm Real Estate Service
SALES • RENTALS • APPRAISALS • PROPERTY MGMT • DEVELOPERS • FARMS

JUNIATA COUNTY

(New Listing)
126 acres, 60 acres tillable balance wooded & pasture, frame bank barn, corn barn, 3 bedrm dwelling, ¾ mile Tuscarora Creek frontage secluded, $130 000

LANCASTER COUNTY

85 acre dairy. Southern end

CHESTER COUNTY

New Listing Near Oxford
100 acre general farm, 2 story frame dwelling Barn- stanchions and box stalls 60 acres tillable, 38 acre pasture, 2 acres woodland Land- gentle slope, loam soil, state road frontage

128 acre general farm, W of Downingtown

LEBANON COUNTY

Myerstown
18 Acre Limestoen Farm, 4-bedroom dwelling, bank barn, corn barn, hog farrowing operation Tultenhocken Creek boarders property, good location

153 acre N of Annville

107 acre Dairy & Hog

100 acre general near Freidensburg

MONTOUR COUNTY

North of Danville
157 acre dairy - 135 acres tillable Bank barn with 34 comfort stalls chain ties Calf barn 4 silos - pole shed 22½ story frame dwelling with 5 bedrooms & bath

SCHUYLKILL COUNTY

New Listing
North of Summit Station
69 acre dairy comfort stalls, 2½ story dwelling, 4 bedroom

CUMBERLAND COUNTY

32 acre dairy reduced, near Newville

188 acre general farm

MONTOUR COUNTY

157 acre dairy north of Danville

CHRISTIAN M. MOSEMANN
REALTOR
627-1754
734 Main St. Akron, Pa. 17501
Phone 717-859-1004 24 hr. service
Paul Z. Musser — 717-733-8107
James L. Marsh — 717-529-2678
Milton G. Huber — 717-299-5136

R3-3-359 UNION COUNTY: Secluded 84 acres surrounds this quality built 2 story home near Mifflinburg Multi fuel heating system Well designed kitchen, den with stone fireplace, 4 BRs, 2½ baths, and 3 car garage Valued at $165,000

R3-3-361 Raise your beef or chickens on this 28 acre farmette in Union County Barn, corn crib, & other buildings Never fail spring fed stream $91,500

RL1-4-10 SNYDER COUNTY Beef operation/general farm 132 acres 83 tillable 4 pasture, 42 woodland Large bank barn with concrete (yard) 4-5 bedrooms, 2 story farmhouse $175,000

R1-4-74 SNYDER COUNTY: 57 acres surrounds this 2 story farmhouse Large bank barn Great for beef operation Home has 4 bedrooms, family sized kitchen, & vinyl siding Situated near 11 & 15, south of Selinsgrove Buyer's Protection Plan $82,500

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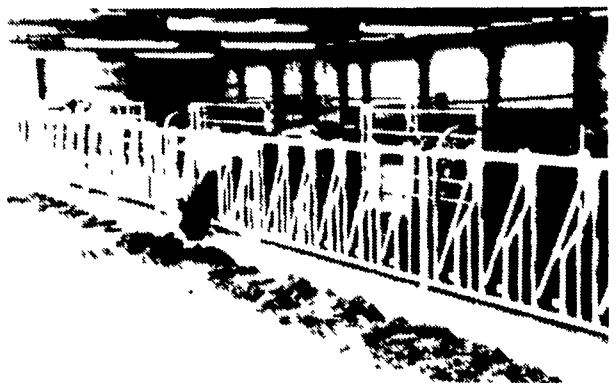

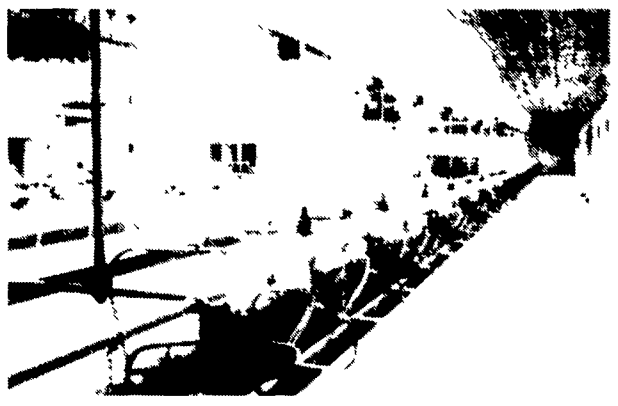

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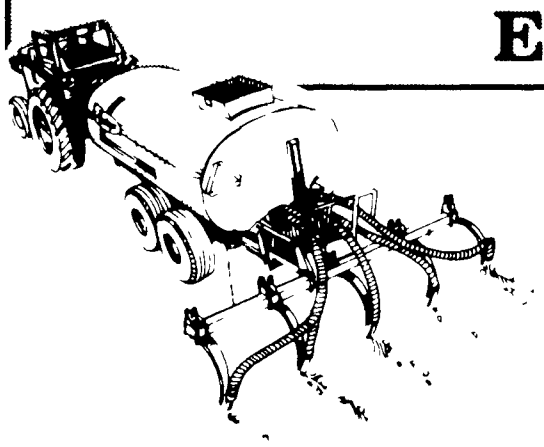

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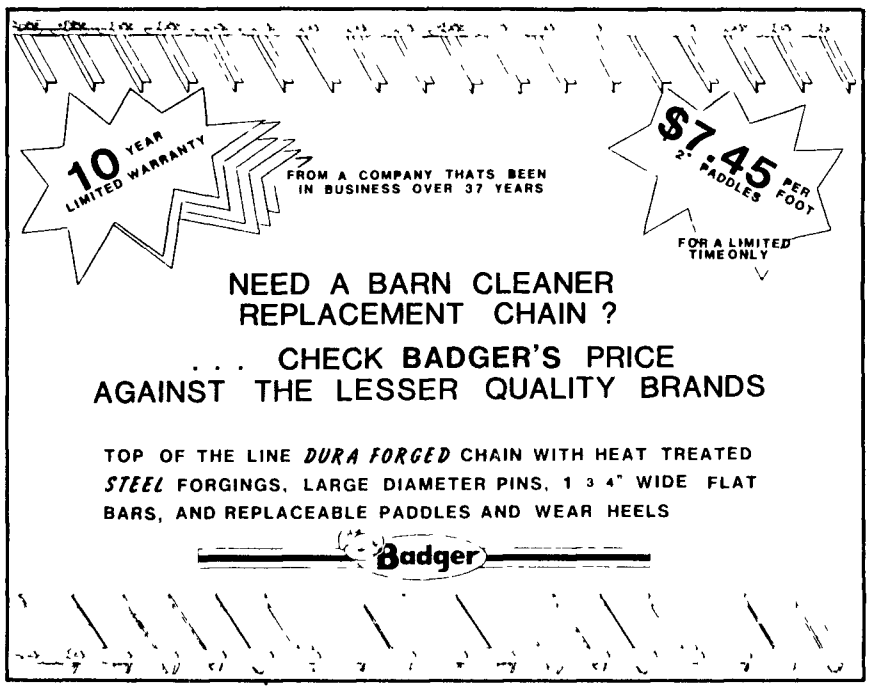
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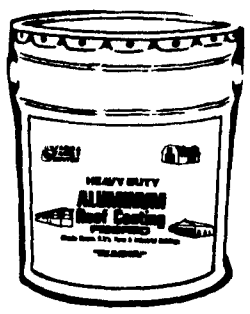

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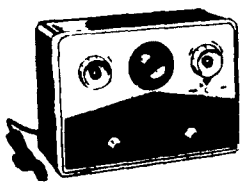

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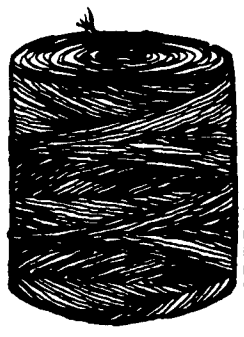

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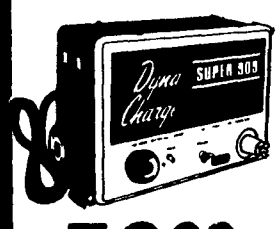

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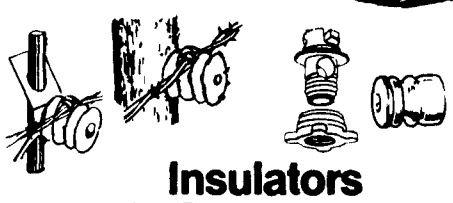

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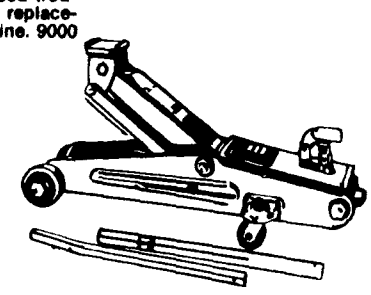

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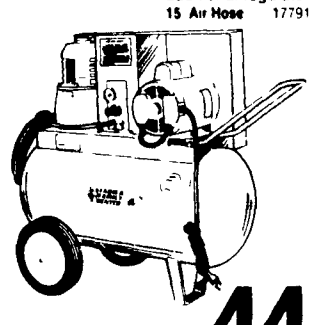

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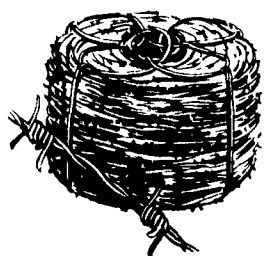

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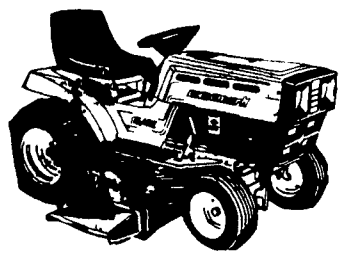

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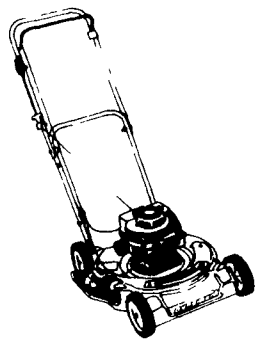

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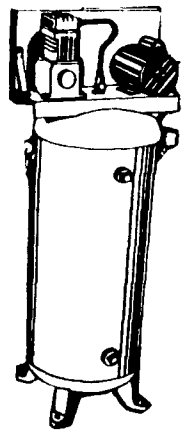

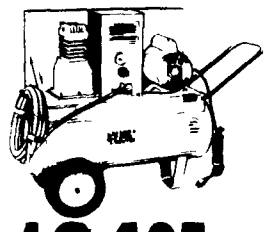

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Insects feeding in whorl stage corn

NEWARK, Del. — As field corn approaches the whorl stage, growers can expect to see a variety of insects feeding on the whorl or inner leaves of plants.

First generation European corn borers, true armyworms, and common stalk borers should all be active now, says University of Delaware extension pest management specialist Joanne Whalen. Each insect produces a characteristic type and amount of feeding injury, and before making a control decision it's important to know which one is causing the damage.

Whalen advises farmers to look for corn borer damage when plants reach 18-24 inches in height. Generally, shorter corn is not attractive to ECB moths unless egg laying is extended over a long period of time or taller corn is not available. Even when eggs are laid on small plants, there is little corn borer feeding on corn less than 18-inches tall because younger plants contain high levels of a chemical called DIMBOA which is toxic to larvae.

When checking for corn borer whorl feeding, the specialist says to look for characteristic "window box" or "shot-hole" injury on the inner leaves of plants. Peak feeding usually occurs in mid-June, but since spring weather delayed egg laying this year, larval activity will probably peak later. Growers should scout fields weekly unitl corn reaches the pre-tassel stage.

Base control decisions on a random sample of 20 consecutive plants in five locations throughout a field. "In general" Whalen says, "we recommend an insecticide treatment when 50 percent or more of the plants checked have fresh borer feeding. No treatment will be effective once larvae begin to bore into the stalks."

If entire leaves are destroyed or if large, ragged holes appear along leaf margins, look for armywork larvae in the whorls. This insect does infest small plants and may cause severe damage. But regrowth usually occurs unless the growing point is killed.

Armyworm outbreaks are most likely to occur under the following conditions: (1) if spring weather has been cool and wet; (2) if fields had pre-plant weed growth; (3) if no-till corn was planted in a cover crop; or (4) if corn was planted near wheat fields infested with armyworms.

Start scouting for armyworm injury during the early whorl stage and continue until the late whorl stage. Be sure to check for the presence and size of larvae. Whalen recommends treating if more than 25 percent of the plants are damaged and larvae are less than 1¼ inches long. Larvae larger than that are almost through feeding so there's no point treating for them, she added.

While scouting fields for corn borers and armyworms, producers may also find stalk borers feeding in the whorls. Stalk borer moths lay their eggs early in the fall on dead grasses and weeds. Overwintering eggs hatch from mid-May to mid-June and larvae initially feed on nearby grasses. The insect is easy to identify because of the purple saddle on its midsection and the white longitudinal stripes on either end. In the past, infestations occurred along field borders next to grassy areas, but with the increase in no-till corn acreage in Delaware, infestations have been occurring throughout no-till fields with pre-plant grass weed groth and/or a cover crop.

Whalen says stalk borer larvae damage corn in two ways. They either burrow into the stalk at ground level and move up through the plant, causing wilted leaves and buckled plants; or they feed in the whorls, producing ragged holes in the leaves before boring into the stalk. Base treatment decisions on a sample of 20 consecutive plants in at least five locations throughout a field. If larvae are still feeding in the whorls and high numers are moving from grassy areas into the corn, treat with an insecticide. Treatment will have no effect, once larvae have bored into the stalks.

Delaware residents who want further information on in-season crop pest activity can call the University of Delaware's crop pest hotline, 1-800-345-7544.

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CROOKED ACRES DAIRY FARM, NEW HOPE, PENNSYLVANIA

The managing partners of Crooked Acres Farm, New Hope, PA are pictured with their homebred excellent cow, Crooked Acres Million Aggie (Ex-90) who produced 21,021 milk and 831 fat (4.0%) at 5 years, 4 months of age. From left to right, Christine (Dave's wife) holding 2 year old son Peter, David, Leonard, Andrew, and Elizabeth (Leonard's wife) holding her 1 year old grandson Matthew.

Crooked Acres Farm in New Hope, Pennsylvania is the high herd in Bucks County for milk fat production. Leonard Crooke and his oldest son David are in partnership. Besides David, Leonard and his wife Elizabeth have five other children; Jim, Betsy, Dan, Jeffrey, and Becky. David is also married and he and his wife Christine have three children; Andrew, Peter, and Matthew.

In addition to outstanding milk production (19,337 milk and 753 fat (3.9%) this herd was one of only about 10 herds in Pennsylvania with a Somatic cell count average under 100,000 (87,000 on 40 cows).

The cropping program on this Eastern Pennsylvania farm consists of 70 acres of hay crop, 50 acres of corn for silage, and 45 acres of small grains. All the corn is raised for silage. High moisture shelled corn is purchased at harvest, as Leonard does not feel it has been cost effective in past years to grow his own.

In addition to high moisture shelled corn, corn silage, hay crop silage, and baled hay are fed to this high producing, high testing herd. Farm Bureau's new medium soluble protein, high energy, 32% Excel Pellet is fed as the protein supplement.

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Farm Bureau
104 Mill Street
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400 plant bug species exist in Pa.

UNIVERSITY PARK — Over 400 species of plant bugs occur in Pennsylvania, according to entomologists at Penn State. These plant bugs are the only group of insects that both scientist and laymen can properly call "bugs," says Alfred G. Wheeler, adjunct entomologist with the College of Agriculture.

Plant bugs suck sap by means of a beak or proboscis, Wheeler explained. They're relatively tiny insects, 1/8 to 5/8 inches long. Some species damage crops, but not all are plant feeders. In fact, a surprisingly large number feed on other insects. The 400 are technically known as the insect family Miridae.

Wheeler has studied the biology of the more common species of plant bugs in his dual role as entomologist with the Bureau of Plant Industry, Pa. Department of Agriculture. Cooperating on the research was Thomas J. Henry, now with the Systematic Entomology Laboratory of the U.S. Department of Agriculture in Washington, D.C.

When Dutch elm disease began eliminating many American elms, a search began for other kinds of shade trees. In the 1950's and 1960's, a number of thornless and seedless varieties or cultivars of honeylocust were developed.

For several years, ornamental honeylocusts were considered nearly pest free. However, one yellow or golden-leaved cultivar, Sunburst, proved attractive to the honeylocust plant bug when the tree was grown along city streets and in home plantings. Plant bugs feeding on new growth discolor and distort the leaflets. Large numbers of bugs can cause prematue defoliation of entire trees.

"This is an example of an insect that rarely damages its host plant in its normal habitat but has become a pest under urban conditions," Wheeler said. "It is well know that ash plant bugs prefer native trees growing in open areas. They have now become common pests of ornamental ash in street plantings."

The sycamore plant bug, Henry indicated, is another example of an insect that only recently has become a pest. This insect normally does not injure native sycamore (American plane tree), but often becomes a problem when this plant and the related London plane tree are grown in nurseries or along city streets.

Sycamore plant bugs suck juices from tender, expanding foliage and apparently inject a poisonous substance into the leaves. Plant tissue that has been "fed on" turns brown and drops out, leaving many small holes in the leaves. At one time, the "shot-hole" appearance of the foliage was blamed mistakenly on frost, chewing insects or a disease.

Most plant bugs insert their eggs deep into plant stems, making detection nearly impossible, it was pointed out. In this way, bugs move long distances with plants. A number of Europe species have entered the U.S. with nursery stock and have become established. While most "imports" have remained harmless or economically unimportant, a serious pest could enter, Wheeler cautioned.

Not so long ago, a pest of ornamental ash in the western states was brought into a Pennsylvania plant nursery with dormant, bare-rooted young trees or "whips" grown in Oregon. Only prompt detection prevented this potential pest from becoming established in the Commonwealth, it was noted.

"Our studies have shown that several species may be important biological or natural predators of ornamental pests," Wheeler said. "We have studied one plant bug that is common on white oak where it destroys populations of aphids, lace bugs and spider mites. Two other species, referred to as jumping tree bugs, feed on obscure scale."

He added that Christmas tree growers are aided by several kinds of plant bugs that feed on aphids on Scotch pine and on gall aphids on spruces and Douglas fir. Spider mites on spruce trees are eaten by another plant bug. This mite predator, Wheeler reported, was accidentally brought in from Europe — a rare example of a beneficial insect entering the country unbeknown to scientists.

Further work is needed to determine the "friend or foe" status of plant bugs in the Commonwealth, Wheeler said. With species already known to be injurious, control has been made easier, he said, by correlating egg hatch of the bug with stage of growth of the host plant. In this way, insecticide sprays can be timed with best accuracy.

Forage 'Superbowl' offers super prizes

MADISON, Wisc. — Dairymen participating in the World's First Forage Analysis Superbowl will aim for prizes valued in the thousands of dollars. Agricultural firms whose products are used in alfalfa production have contributed many valuable merchandise prizes.

The World's First Forage Analysis Superbowl is co-sponsored by the World Dairy Expo, Holstein World, Wisconsin DHIA, and the University of Wisconsin-Extension. Two divisions, field-dried hay and haylage, will be judged by the University of Wisconsin-Extension with their near-infrared spectroscopy process.

Winner of the hay division will receive a season's use of a Sperry New Holland Model 499 Haybine Mower-Conditioner. The haylage division winner will be awarded a Clay Ring Drive Silo Unloader. Second-place winners in both divisions will receive a Brillion Sure-Stand Seeder to use for one season. In addition, all entrants will have their sample analyzed and a balanced ration formulated.

Winning forage samples will be displayed during the World Dairy Expo, October 3-7, at the Dane County Coliseum in Madison, WI. Dairymen from across the United States are eligible to participate and winners will be honored at a special luncheon Oct. 8. Besides displaying the winning forage samples, a special forage program will be held each morning in the Expo's new educational display area.

Other companies supporting the promotion include:

Gehl Company, forage box (one year's use); Dairyland Seed Co., six bags of alfalfa seed; Funks Seed Co., six bags of alfalfa seed; Jacques Seed Co., six bags of alfalfa seed; Kaltenberg Seed Co., four bags of alfalfa seed; North American Plant Breeders, four bags of alfalfa seed; O's Gold Seed Co., six bags of alfalfa seed; and Pioneer Hi-Bred International, six bags of alfalfa seed.

Also Pride Seed Co., six bags of alfalfa seed; FMC Corp., 10 units of Furadan; Stauffer Chemical Co., five units of Eptam; Domain Inc., "Alive" silo additive and applicator; Miles Laboratories, "Ag-Master" forage inoculant and applicator; Madison Farm Structures, forage Tester; Northwest Ag Consultants, 10 hay coring tools; Garst Seed Company, six bags of alfalfa seed; and Oakfield Apparatus, Inc., four hay coring units.

Dairymen wishing to enter the contest should write to World Dairy Expo, P.O. box 9113, 919 Applegate Road, Madison, WI 53713, for an entry blank. Local county extension agents can also be contacted for more information.

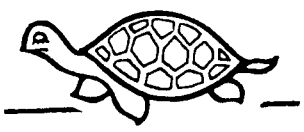
Retail market tour June 29

SCRANTON — The Northeast Retail Marketing Tour of farmers markets, roadside stands and pick-your-own markets in Berks, Lancaster and Dauphin Counties has been set for Friday, June 29.

Arranged by the Lackawanna County Cooperative Extension Service, the bus will leave the Clarks Summit area at 6 a.m. and return there about 9 p.m. or 10 p.m. with a stop on the way back for a family style dinner. Donation for the bus is $3 per person.

Reservations must be received by June 25 and can be made by sending in your check to the Lackawanna County Cooperative Extension, 200 Adams Avenue, Scranton 18503 or calling 961-4761.

DON'T BE SLOW



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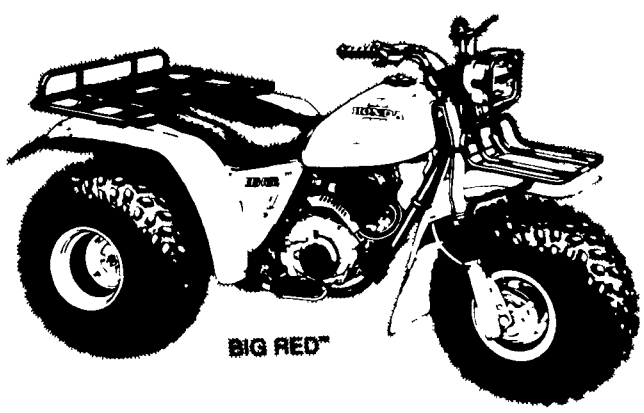

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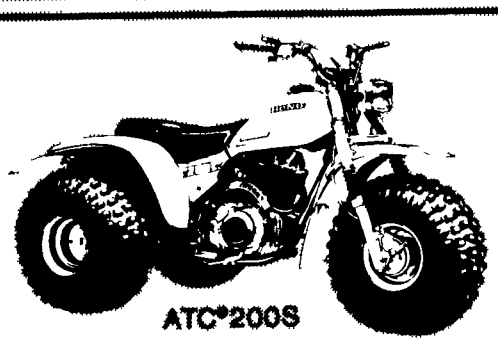

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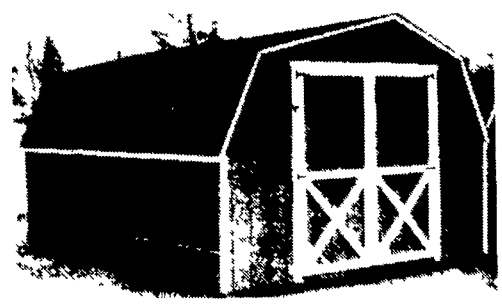

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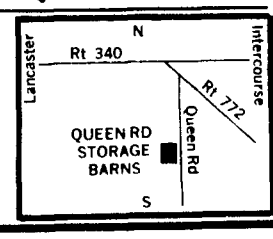

The following categories are available for your classified advertising in Section C. Deadline-Thursday morning at 9 of each week's publication

- Farm Equipment
- Farm Equipment Wanted
- Silos & Unloaders
- Buildings & Supplies
- Grain Equipment
- Dairy Equipment
- Livestock Equipment & Supplies
- Cattle
- Horses & Mules
- Sheep & Goats
- Swine
- Artificial Breeding
- Hog Equipment & Supplies
- Poultry & Supplies
- Feed & Seed
- Fertilizer
- Plants
- Fruits & Vegetables
- Nursery
- Lawn & Garden
- Services Offered
- Custom Work
- Help Wanted
- Situations Wanted
- Business Opportunity
- Autos
- Recreational Vehicles
- Notice
- Lost
- Found
- Pets
- Household
- Miscellaneous
- Computers

The following categories are available for your classified advertising. in Section B. Deadline-Wednesday afternoon at 5 of each week's publication.

- Real Estate
- Trucks & Trailers

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or Lititz
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FARM EQUIPMENT

MF 65 diesel, excellent condition. 814-793-4293

Oliver 1955 cab and air 814-793-4293.

Oliver 1755 diesel, 3 speed over and under, dual hydraulics 814-793-4293

FARM EQUIPMENT

Nicholson Hay Tedders
IHC horse culti
JD #7 Big 4 mower 7'
IHC #9 mower 7'
Oliver 2 row potato planter
TOM WHEARY
Lancaster, PA.
717-687-0102

Oliver 1750 w/3 speed over and under year round cab. 814-793-4293.

AC D21 Tractor with 7' bottom plow; AC F combine 1974, 13" grain head with generation 3 floating cutter bar; IH model 58 8 row planter; 4 row cultivator for AC tractor back mounted; Farm Fan model 350 batch grain dryer, 609-259-3733.

GHL grinder mixer #65. 301-833-1847

Used NH 717W pickup attachment; Used NH 880 N 2 row crop; Used NH 273 Baler w/thrower. 717-786-2895.

For Sale - Complete line of turnip growing equipment: Ceeders, Sprayers, Harvestor, Washers, Graders, Slow Tables, Baggers, Pallet Bins. Call 717-587-1428.

JD 494 corn planter with disc openers. 301-833-1847

MF 65 gas, new rubber, $2,700. 814-793-4293.

FARM EQUIPMENT

For Sale - Transplanter 4 row NI; Vibra Shank harrow 16 ft.; John Bean air blast sprayer, 500 gallon row crop, Oliver sprayer, 400 gallon. Call 717-587-1428.

Lely spin spreader
6' scraper blade
Ford 2 row cultivator
TOM WHEARY
Lancaster, PA.
717-687-0102

For Sale - 1983 JD model 8300 grain drill; 1981 JD Pull Type 12' chisel plow; 1978 Farmfan batch grain dryer with bins and augers; 1959 5 head Chevy horse van, 1 owner, 44,000 miles; 1970 Owatana haybine. All in good condition. Must sell. Call 717-273-6748.

For Sale - Troyer high speed potato grader 717-367-2633.

Cat D9G Dozer w/ripper, very good condition 717-933-5734.

8' self contained cinder or fertilizer spreader; IHC 125C Crawler/Loader, Ford 550 Backhoe/Loader. 717-933-5734.

Ford 4500 Backhoe/Loader, Davis Walk-behind Trencher. 717-933-5734

JD 3020 console, standard shift, 72 model 814-793-4293

FARM EQUIPMENT

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JD 4010 Diesel, wide front, excellent condition. 814-793-4293.

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JD 4020 side console real clean, low hours 814-793-4293.

Ford 5000 Diesel, dual outlets, standard transmission, late model 814-793-4293.

MF 1080 diesel, wide front, multi-power, dual hydraulics. 814-793-4293.

IH 656 wide front 3 pt. 814-793-4293.

JD 730 diesel, electric start, wide front, 3 pt. 814-793-4293

Oliver 1850 diesel, dual hydraulics, wide front, 814-793-4293.

IH 1066 cab, dual outlets, 3 pt. 814-793-4293.

JD 4430 power shift, dual hydraulics, 4 post roll guard, 38" rubber, 814-793-4293.

MF 1100 diesel dual hydraulics, 38" rubber, 814-793-4293

FARM EQUIPMENT

FOR SALE
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Cub with cultivators and hydraulics
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Woods belly mower
Tractor repainted, new rings and valve job, $3,200.
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F&H 4' Mott-Mower, F/H Transplanter, Snow Blower, Sickle bar mower, cultivators, single gang disc, snow plow, dirt plows. 717-687-0102.

For Sale: Bale Thrower Wagons - Steel or Wood. Will fit sides onto your flatbed. Also Available: Flatbed Wagons.
STOLTZFUS WOOD-WORK
Rt. 2, Gap, PA. 17527
(717) 442-8972

IH 856 Diesel with roll guard, original paint, like new. 814-793-4293.

JD 3010 Diesel, completely over-hauled, new paint 814-793-4293.

Oliver 1850 diesel, dual hydraulics, wide front 814-793-4293.

JD 4020 power shift, dual hydraulics 814-793-4293.

IH 1466 cab and air, dual hydraulics, like new 814-793-4293.

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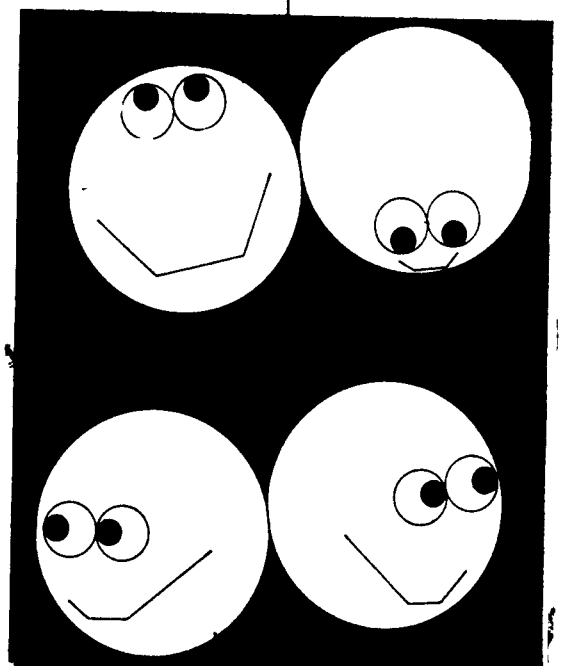

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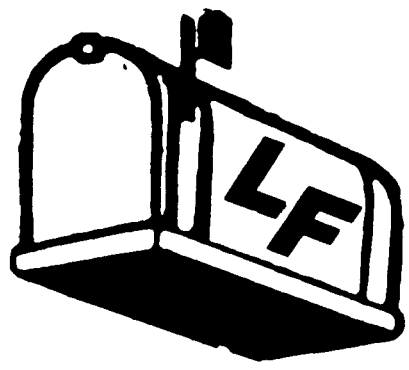

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NOTE: Please do not use this form for Mail Box Market Ads, see instructions in Section B with Mailbox Markets.

DEADLINE: 9 A.M. THURSDAY OF EACH WEEK'S PUBLICATION

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FARM EQUIPMENT

NH 315 Baler, good condition, VH4D Wisconsin engine w/reduction gear, good condition. Christian K. Smucker, North Weavertown Rd., Runks, PA. 17572.

NI cut/ditioner #272 w/AC D15 power unit, good condition Christian K. Smucker, North Weavertown Rd., Runks, PA. 17572.

FOR SALE - 4¾"x660' soft hose Vermeer irrigation traveler, also 3500' of 7' main line, good as new, $9,950 for both. 717-837-0724.

WANTED - Post hole digger Must be heavy duty and in good condition Also need F.H to 3 pt. adapter. Phone 215-383-1721 evenings.

FOR SALE - Case 540 haybine, excellent condition. Price $2,500 firm Call 717-624-2313.

For Sale - JD 1968-45 combine w/cab, 10' grain head. Good condition; Farmall Super H tractor, excellent condition. 215-965-2071.

For Sale - Uni-Systems 710 combine with Universal reel. 215-857-3282. Chester Co.

For Sale - Dunham 16', 8T bale thrower wagon. All oak Asking $850; - MF 12 baler with thrower, with hydraulic control. Asking $1,250; - Both always in machine shed, excellent working condition. Going out of farming. Schafferstown, PA. 717-949-2240

AC tractor 6080 with year round cab, 750 hours, $15,000; AC 2300, 13' disc with dual wheels, $3,000, Brady field cultivator, 18', $2,500. 215-766-7644.

WANTED - Ford - 8N - NAA or 600 w/backhoe and loader, workable condition preferred. Morris County. 201-647-2787.

Vermeer 605C round baler w/wide outside belts and double springs, good shape. 412-352-3582.

Int. #241 round baler, late model, nice condition. 412-352-3582.

For Sale - JD self unloading forage wagon in good condition; NI model 206 ground drive manure spreader, like new; MF 2 btm mounted plow, two/14" 215-766-0479 evenings.

FOR SALE - John Deere 45 combine, new belts, new motor, 2-row corn head, 10 foot home reel grain head, $2,500. 215-795-2396.

MF 510 diesel combine 14' grain head, cab, runs well, $3750. 717-624-8847.

Free Super (A) - with purchase of 4 bus seats, '71 Olds Coupe, '53 Studebaker PU, (14)P Corn Picker, Cumminghan Crimper, Yard Trailer 2 Section Harrow, 3 Bar Hitch, 2 Wheel Trailer, Cultivator, Wheel Weights, Furrow Openers, Disc Hillers, right hand Plow, rear chains, leveling blades, $4000.00. Sch. Co., PA. 1-717-345-8367.

Farmhand tub grinder model F-900 in good working condition. For information, call between 7 and 9 PM 215-268-8352.

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Bulk feed bin, 10.7 ton Brock bin. Assembled. Used 2 months, $1,500 firm. 717-243-2233 or 258-3681 after 5 PM.

JD 215 disc harrow. 22" blades. Excellent shape. 717-529-6651.

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FARM EQUIPMENT

4000 Ford Tractor, SU; 801 Ford Tractor 609-561-2332.

For Sale - Ford 8600 w/cab and air, duals, weights and new clutch, sharp, $8,750. 301-833-9091.

1934 JD A, excellent condition with 2 bottom trailer plow and cultivators. 717-872-7289

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For Sale - New and used Vent-O-Matic fans and parts. Also used PTO Bear Cat hammermills; truck bed with hoist; forklift; Columbian cookstove parts Lancaster County. Paul Heistand, 717-426-3286.

NH 851 round baler; NH 90 bale mover both new in 1982, 301-582-1927.

For Sale - Pully and guard for John Deere crawler 420, priced at $150; also 3 front end weights for 550 Oliver tractor $60 all three, 814-832-2155.

For Sale - 718 NH forage harvester with hay and 2R narrow corn head $2800, Lancaster Co 717-367-2914.

Dunham Lehr Loader, 50-80 h.p., heavy duty, 3 buckets, $800.00. 717-739-4814.

FOR SALE - 756 IH w/dual hydraulic & WF. 814-766-3547.

For Sale - Case Thrashing Machine, self feeder; McCormick Deering Hay Loader, heavy duty; 2 walking plows. 717-766-6011.

For Sale - Horse Drawn 456 New Holland Mower and 310 New Holland Baler with Engine. 814-383-2347.

FOR SALE - Case 650 self-propelled haybine 8 cut with V-4 Wisconsin engine, excellent condition. Price $1,800. Call 717-624-2313.

FMC 1 row sweet corn harvester. Ready to go. Needs no repairs. Will deliver 100 miles 301-778-3695.

8 row sweet corn sprayers 6' clearance, John Bean high pressure pump, $5,000. Will deliver 100 miles. 301-778-3695.

GM 4-71 Power unit w/clutch, very good condition, $2,500. Will deliver 100 miles. 301-778-3695.

For Sale - New Holland crop chopper 33, excellent condition, $900. Chester County, Henry U. Stoltzfus, Jr., Rt. 2, Honeybrook, PA. 19344. 215-273-2120.

For Sale - JD model LA w/cultivator and plow, electric starter and lights, good condition. 717-665-3764.

For Sale - MF 12 Baler w/124 thrower w/hydraulic control, good paint, good condition, kept inside. Asking $1,250. Schaefferstown. 717-949-2240.

Windrower 201 International stored inside, very good condition. Call 215-926-4815.

For Sale - 14' McConnell self-unloading potato wagon on 10 ton JD running gear. 717-656-8449.

For Sale - two very nice Mill Stones 24" also one cone type Mill Stone 24". Phone 215-326-4640

Tobacco planter, 1 row, $135; 5-16 btm. auto. Case plow, needs work, $900; 8" steel H-beams, 16', $35. Lancaster Co. 717-733-3980.

For Sale - Century Trailer Sprayer w/200 gal. poly tank, 6 roller Century Pump, 28 ft. boom, new valve control. Asking $300. NI #215 single axle Manure Spreader, 3 beater, rope control, good paint, good condition. Asking $1,400. Lebanon County 717-949-2240.

JOHN DEERE 40 S P. combine 10' head with Hune reel, lights, good engine. 717-458-5043 evenings.

For Sale - NH 275 Baler w/54A thrower, $2,500 or will trade for Case skid steer. Tioga County. 717-324-3075.

Combine - IH #93 w/10' cut, pick-up reel, scourkleen, straw spreader, lights for small grains, $1,200. 609-586-2869 evenings.

Farmall model 230 tractor with fast hitch in excellent condition. Also fast hitch 2 bottom plow, 7' sickle bar mower, rear grader blade and post hole digger, $2,500 complete or best offer. Call evenings 201-359-5934.

Gleaner L combine, 1975 with cab, air, radio, dual wheels, 15' header, 4 row 38" and 6 row 30"; 12' JD roller harrow; JD 216 wire baler; NI spin spreader; Century sprayer 200 saddle tanks and accessories for JD 4020; 4 row AC rear mount cultivators; 26' grain trailers; 1 set dual wheels, axle mount, 18.4x34 for JD 4020 and Little Giant 40' elevator with fold up hopper. Ed Vogt, Medford, NJ. 609-654-7489 after 6 PM.

FOR SALE - Tobacco Planter, $250; Tobacco cultivator, $350; Farm Fan, $150. Lanc Co. 717-665-5680.

For Sale - Gleaner F2 Combine (diesel) w/cab, AC, 13 ft. grain head, 4 row corn head, good condition, $20,000; MM G1000 Vista (diesel) Tractor, dual wheels, 18.4x34 tires, 540 and 1000 RPM, PTO, $5,000. 717-766-9420.

For Sale - American Saw Mill model #1 with Detroit Power Unit complete, $4,500 or best offer. Will trade for dump truck or tractor with loader. 215-588-1350.

For Sale - Myers Mighty Mist Blast Sprayer, $2,000. Call 215-723-2396.

NI Cut Conditioner, 3 pt. wheel rake, Case 555 Haybine, Int. 454 Tractor with PS and 3 pt., Bin Wagon, JD Rotohoe and Liley Rototerra. 215-777-0052 or 215-775-0508.

Wanted - Parts for reel on Oliver 5542 Combine. 814-667-3487.

MF 510 diesel combine, "1977". A.C., hydro with grain and 4 row corn head. All in very good condition, $15,000. Call 301-692-9564.

JD 1209 haybine, new model with adjustable stub guard. Phone 717-324-2841.

New Holland 1002 stackliner, like new, $3,500. 717-324-2841.

Martin Equalizer, $3,700; Weaverline feed cart, $1,200; 1850 Oliver, $5,200. 215-589-5394.

Farmers & Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164

Combine, Harvester and Corn Head Parts For Sale off used machines. Wenger's. 717-866-2135.

Used Farm Tractor Parts, Large Selection. Wenger's 717-866-2135.

Used sawmills for sale. We buy and sell. Leroy Wray, R.D. 1, Douglassville, PA 19518. 215-385-3884

Chisholm - Ryder snap bean harvesters, all machines complete w/hyd. dump boxes, recond. and painted, 609-769-3183.

NOTICE - Buy, sell or trade almost any type horse-drawn equip., mowers, rakes, crimpers, discs, harrows, plows, corn planters, tedders, packers, wagons, Wisc. engines, tobacco planters, etc. Wanted 402 N.H. crimpers, Nickolson tedders. Sam K. Zook, Kirkwood, PA. 17536.

For Sale - Generator, 4 cylinder, O'Keefe Merritt model N15, 15 KW, 220/127 volts, 3 phase 4 wire, 49.2 amps per leg, $650 or best offer. 215-542-7980 or 215-646-9057.

For Sale - Cat D9G Dozer w/Ripper; 8' Spreader Box; JD 450 Crawler/Loader 717-933-5734.

2 hay feeders, $75 each; 1 JD A-20 corn cultivator, $350; 1 10' E-Z flow spreader and 1 9' offset transport disc with cylinder, $400. 215-356-5305.

For Sale - JD 6600 Sidehill Combine, cab, a/c monitor, weights, straw spreader, bin extensions with 213 grain and 444 corn head. Always shedded, field ready, priced to sell. 215-298-2774.

FOR RENT - 849 NH round baler. Beat the rain; try some round bale haylage. Bags available Clip and save this ad, bale your fodder this fall. Prefer to stay within 20 mile radius of Quarryville. 717-786-3964.

For Sale - Twin-disc clutch 11" No. 2 bell housing 215-683-7230.

MF 510 diesel combine, 4 row, 30", 15' grain, new rubber & motor, sealed ready. North Cumberland Co. 717-648-0027.

For Sale - Two reconditioned 250 gal., 25' foldup boom sprayers. Completely ready to go 717-687-0102.

8 row planter, International Model 58; AC F combine 1974, 13' grain head, w/generation, 3 floating cutting bar, Dryer-Farm Fan Model 350 batch grain dryer 609-259-3733.

VanDale 185 mixer wagon. Used 1 year. Frederick Co. 301-371-9105 after 8 PM.

NH TR70 Combine w/6 row 30" corn head and 15 ft. grain head. Call evenings. 301-845-6121.

Combine IH 715 diesel 13' floating grain table 4 row corn head straw chopper. Air over sized tires front 23.1-26 back 12.4-1-16 stored inside, very good condition. 215-269-0855.

Berg dependable barn cleaners, replacement chains, high discount this month, order Berg 5-tooth spracket if your chain runs off, Pincar PTO alternators, P&D silo unloaders, silo roofs, pikes. Lanc. Co. 215-445-5309.

Gehl 1090 mower conditioner, used very little, like new. Lebanon Co. 717-866-7093.

MF 410 combine diesel with 4 row wide corn head and 13' grain head Lebanon Co. 717-866-7093.

AC 7080 tractor, 800 hours, 20 ft. min-till discs, 15 ft. chisel plow 6-16 mold board plow. Phone 301-755-6876.

For Sale - 1975 300B diesel backhoe loader PTO, quick coupler, hydraulic, 3 point hitch, reverser transmission, 3 axle low boy trailer, 9 ton with ramps, $10,000. 304-735-3352 John Parsons, Aurora, W VA. 26705.

For Sale - JD 7700 combine hydrostat 216 flex head asking $15,000, New Holland 1400 combine gas with 13 ft. head with love floating cutter bar only 500 hrs. Asking $10,000. 609-881-4441.

JD 14T baler with engine mount and PTO shaft, JD #2 hay fluffer, JD 227 mounted corn picker. Sch. Co. 717-386-5169. Call after 5 PM.

For Sale - H-190 side conveyor Ag-Bagger. 717-862-3213 or 927-9483.

2000 Ford, 4 cylinder gas tractor, 970 original hours with Bush Hog cultivator and disc harrow. 717-872-4762 or 397-1186.

STORAGE TRAILERS FOR RENT - 40 ft., nice, available immediately, delivered. Office trailers also available. 301-771-4529

Oswald Ensil Loader, hydraulic powered, mounted on Farmall M Tractor Priced to sell. Call 301-398-2948.

NH 357 Grinder Mixer, excel., $4,200; MFS 8"x55' grain Auger, $1,595; cattle head gate w/crate, $275. 717-733-4313 or 315-252-1756.

For Sale - #9 International ensilage cutter, A-1 condition; (2) International riding cultivators. Leroy B. Esh Hardware. 717-768-3681 or 768-8677.

Gleaner F2 hydro corn-plus combine purchased new used 450 hours by owner. Cab, air, heat, monitors, 13 ft. grain header with floating cutter bar and pick up reel. 4 row model 438 corn header kept under cover, like new, $38,500. 804-633-5902.

For Sale - International #27 hay baler in good condition. 717-483-6351.

300 bu. silage mixer w/factory rebuilt elec. scale, flotation tires, International (by Arts Way), $6000; 3x16 3 pt. H heavy beam trip plow, $650; 3x14 Case trailer plow (hyd lift), new pts. & mold boards, $225; MF 14' disk, $850; 32' 250 gal. trailer sprayer, brass screens, nozzles, PTO pump used once, new regulator, never used, $700; NH 469 Haybine, new wobble gear 1 yr., $1800; JD 495A 4R plate corn planter w/insec. hoppers, XL shape, $1250; Ford baler w/thrower, $1800; 185 bu. Hawkbuilt rt. hand unloader manure spreader, $450. Columbia Co. 717-784-9458.

For Sale - 36' 6" allied auger transport elevator Also NH 25 forage blower Phone 717-362-3333.

1977 3300 John Deere Combine, 13 ft. head, 800 hrs. Call after 6 p.m. 609-235-3681.

For Sale - McCormick Deering W-6 Gas Tractor with belt pulley on rubber 14.9-24, good condition. Bradford County, Troy, PA. 16947. Call after 5.30. 717-297-3041 Nathan Case.

For Sale - JD 4430 with cab, dual hydraulic, tandem wheels, diesel, 2,931 hours, $15,000. Phone 301-797-6717. Ask for Mrs. Stovall

800 gal. Mueller bulk tank, 3½ yr remaining on guarantee w/2 used 2 HP compressors, $6500; 5 DeLaval bucket milkers (4 40#, 1 50#), w/DeLaval or Surge claws, w/Surge elec. pulsation, $250 and $350; Surge Alamo 100 vac. pump, used 18 mo., $1750; balance tank, $250; Smith 80 gal. elec. hot water tank, used 18 mo., $225; 64 tie stalls, $1250 350' 2" plastic vac. line, 50' 3" vac. line, $270; Surge elec. pulsation control, 35 stall cocks, brackets, wiring, $1000; 30" fan w/shutters and thermos., $300; 38 Humane plastic water bowls w/brass fittings, used 18 mo., $975; feed cart, $85, silage cart, $100, 2 5 calf starter stalls, $150 ea. 717-784-9458.

72 h.p. Fiat Tractor, NEW 3 point hitch, 8 speed transmission, fuel injection. Interchangeable with Allis Chalmers parts. Will sacrifice, $11,500. Manuals available. Call Lyn 201-827-4143.

1010 New Holland automatic bale wagon, excellent field ready condition, $3,500 or B/O. 301-348-5660.

Used concrete silo - Free to good home. 301-272-2208. Aberdeen, Maryland

FOR SALE - 1966 Diamond T. Lime spreader, 33,000 G.V.W., good condition. York Co. 717-244-2739.

702 Uni System 722 sheller 2 RW head, very good, $5,000. NI corn picker 2 RW with 12 row husk bed, excellent, $5,500; 717 NH chopper grass pick-up, head looks like new, $2,000. Also offers. 201-236-6155 Possible Delivery.

FOR SALE - Model 40 John Deere self-propelled combine. 8 foot head always under roof, North Leb. Co $1,300 firm 717-865-4441 after 5 PM.

NI 710 Combine; 713 Grain Head; 729A Sheller; 730 Corn Head, excellent condition. Best offer. 301-922-5180.

For Sale - 702 diesel NI Uni tractor with combine picker and chopper. 304-263-8901.

JD model 714 forage wagon. Used very little. Very good condition. Also E-Z gravity grain box on heavy duty running gear. 717-532-7054.

FOR SALE - 2000 IH manure loader with bucket & fork, good shape. $1,100. Lanc Co 717-284-4601.

For Sale - Miller 10' disk hydraulic leveling, good condition. 215-383-6818.

For Sale - JD 6600 diesel, hydrostatic combine with 16' grain head and straw chopper, $7,500 cash. 215-942-2591.

JD 3010, wide front, engine completely rebuilt, dual hydraulic, extra clean tractor, $5,900. 717-264-3154

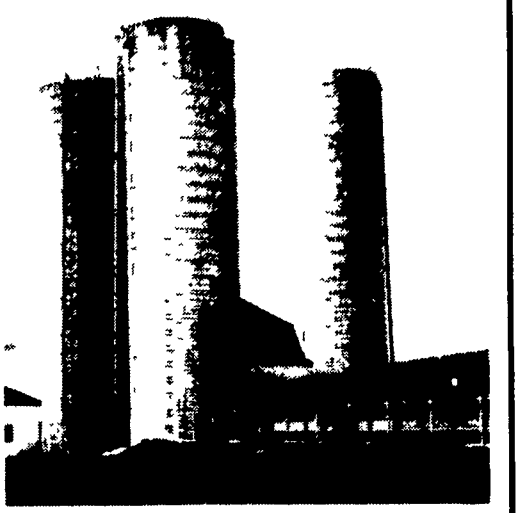
JD 4440, cab, new 20x38 tires, weights, loaded with options, like new, $22,500. 717-264-1154.

For Sale - John Deere cultivator model RG4, 3 point hitch, 4 row with rotary shields, $525.00. Montg. Co. 215-584-4422.

FOR SALE: Two McCormick-Deering 10-20 Tractors. One on steel, one on factory rubber, good for parts. Would like to trade for a Farmall H./Call (215) 323-3634 after 5:30 PM. Or, make offer.

For Sale - 1981 TR 75 NH combine, 6 row, 30" corn head, 15' grain head, 420 original hours, excellent shape. Financing Available. 215-845-2524.

LANCASTER SILO CO., INC.
2008 HORSESHOE ROAD - LANCASTER, PA 17601
MANUFACTURER & BUILDER OF QUALITY WET-CAST CONCRETE STAVE FARM SILOS



IF YOU WANT A NEW CONCRETE STAVE SILO FOR 1984 - WE WILL QUOTE YOU A LANCASTER SILO AND TRY TO SAVE YOU MORE THAN EVER BEFORE. WE OFFER:
CASH DISCOUNTS ON SILOS
SILO UNLOADERS AT BIG SAVINGS
AND: LEASING PROGRAM.

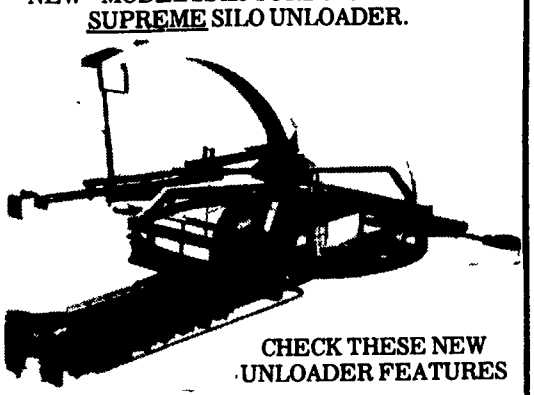
DID YOU KNOW!!
5 YEAR SILO DEPRECIATION

The Economic Tax Recovery Act of 1981 makes it more advantageous than ever to buy a new concrete tower silo this year! Now you can completely depreciate the structure in only 5 years! Not over 12 or 25 years as in the past

Faster depreciation means Uncle Sam takes less of your hard-earned profit And a lower tax bite means more money in your pocket

So to take advantage of the new tax laws, call your accountant And to take advantage of the benefits of a new concrete silo call us

"NEW" MODEL SS428 TURBO RING-DRIVE SUPREME SILO UNLOADER.



CHECK THESE NEW UNLOADER FEATURES
STAINLESS STEEL - 4 PADDLE BLOWER.
STAINLESS STEEL SPOUT LINER
STAINLESS STEEL SHIELD COVERS
STAINLESS STEEL AUGER COVER
SUPREME RING-DRIVE UNLOADERS IN STOCK.
WILL ALLOW UP TO $1000 ON ANY USED UNLOADER IN WORKING CONDITION, WHEN PURCHASING NEW UNLOADER
PHONE 717-299-3721 (7 AM - 4 PM)

FARM EQUIPMENT

Available - 60' grain bucket elevator-dryer-wet bin-electric control shed. Working condition. 301-833-8081, 301-833-5228.

Worthington air compressor, 10 HP complete with 80 gal. tank and 3 phase, 10 HP motor. 215-255-5211.

Hesston 1¼ ton Stack Hand, new condition, $4,000 or trade on truck, car, cattle or tractor. Call after 4 PM. 814-344-9965.

For Sale - JD 47' sprayer with hydraulic foldup spray booms, 3 pt. hitch and 500 gal. saddle tanks. Good for dribbling nitrogen or spraying. Call after 6 PM. 301-695-6917.

AC 4 row no-till corn planter, dry fertilizer. Phone 301-374-9218 after 7:30 PM.

MF 135 mounted mower 7 ft. good condition, fit MF 35 through MF 255. Chester Co. 215-869-2679 after 7 p.m.

4 Head Block V Belt drive saw mill diesel power complete. Phone 717-582-8188.

For Sale - 560 Farmall Tractor, $2,000. 717-442-8020.

Massey Harris #35 self-propelled combine, 7' Hume reel, excellent condition, shed kept. 717-677-7245, 717-677-6224.

For Sale - Fox Super Diesel, self propelled forage harvester w/3 row corn head, 3 Gehl forage wagons; IH 6 row air planter; MF 65 Tractor w/industrial loader. All in good condition Call 301-348-5011.

For Sale - Badger BN184 Super Trail manure pump, excellent condition. Cumberland County. 717-776-7895.

FOR SALE - NH 770 forage harvester w/cornhead, 5 yrs. old, used very little, new set of knives 1 yr. ago. Priced to sell, $2,600. 215-869-3502 after 6.

1979 AC model 7000 Tractor w/cab, 3,000 hours; Also Hesston model 10 Stacker w/mover 717-328-2297.

25,000 watts generator with 100 h.p. diesel engine unit has less than 400 hrs. The first $2,500 take it. Weighs about 4000 lb. 717-582-4358 after six.

JD 4040 tractor with sound guard cab, very nice condition. Price $16,500. 717-532-7054.

For Sale - 384 Leyland diesel, 92 h.p., excellent condition, $5,500; Allied Loader, $1,000; Kverneland 4 16" btm. plow, $450; 12' Transport disc, $450; 2 roller Cultipacker, $200; Ford 4 row 3 point hitch corn planter, new shovels, $450; JD 4 row corn planter on rubber, $300; 465 Nuffield diesel w/heavy duty Lord Loader, $3,500; Co-Op. E-3, 40 h.p., just overhauled, new clutch, remote hydraulics, live PTO, good condition, $800; Int. Papec portable feed grinder, excellent condition, $1,800. 717-865-2202.

New Holland Farmac shaker feeder, stainless steel trough, 100 ft. long. Priced reasonable. 717-786-2839.

For Sale - 702 Uni System with 760 harvester, $2,200. 215-445-6156.

SYCLE BAR MOWERS
IHC 1300, 7', 3 pt. hitch
IHC 100, 7', 3 pt. hitch
IHC 100, 7' semi-mount
IHC 100, 7' F/H
IHC 7' F/H Pitman
IHC 7' Super A, rear mount
TOM WHEARY
Lancaster, PA
717-687-0102

For Sale - JD 4020 syncro range, dual hydraulic, good condition, $6,500. 215-383-6818.

JD 3800 Harvester w/2 RN cornhead & pickup. 717-393-4732.

FARM EQUIPMENT

Minneapolis Moline 602 Diesel tractor, 70 HP, w/WF & all options, $3,200 or best offer. 301-876-1956.

NI Uni Combine, 713 Grain head, nice shape, always housed. 717-762-9418.

For Sale - Chisholm - Ryder snap bean harvester, 1974 model diesel, hydrostatic, completely rebuilt, excellent condition. Columbia County. Phone 717-759-0679.

FOR SALE - JD tractor 8½' disk harrow; Ruffer tire flat bed 7'x12' tractor wagon; iron beam walping plow; one horse walping cultivator, Brady garden tractor w/all attachments, good condition. 717-392-1949.

For Sale - MF 180, heavy duty loader, mounted 4 bottom plow, New Idea cut conditioner, MF 124 Baler, all in good condition. 717-324-3594.

For Sale - Gehl 600 Harvester, two row corn and pickup heads, hydraulic spout control, electric knife sharpener. Schuylkill County. 717-425-2562.

FOR SALE - AC tractor Model G hydraulic w/plow & disc. 215-539-9076

For Sale - JD 4400 Combine, cab and air, 213 flex head and 444 corn head, 1700 hrs., very good condition. 301-836-1916.

JD 4320, dual hydraulic, diff. lock, new tires, roll bar, $8,900 717-264-1154.

FOR SALE

JD 4440, 4 post, quad range, new tires, good condition. $16,800

215-383-6818

FOR SALE

760 MF Combine, 1980 model, hydro drive, 6 RN corn head, 15 ft. floating cutter head, 700 original hours, absolutely like new.

Priced To Sell
Call
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1969 5000 Ford diesel, 15.5x38 tires, $4,500
1972 MF 175 diesel, 15.5x38 tires, independent PTO, multi-power, $4,500
JD 111, 11 HP, 36" cut riding mower, $925
Gehl 600 harvester w/TR 3038 corn head, $1,650
Gehl 800 harvester, 1,000 RPM w/pickup and 2 row narrow corn head, electric control, $3,650
Doin 3 beater wagon nice, $2,475
White 543, 4 row corn planter $700
NH 355 grinder mixer $3,100
Gehl 100 Grinder mixer, hydraulic drive, nice $3,800
JD cab, fits on JD 4020 $350
2 JD 716 wagons, 3 beaters

Horning's Farm Machinery
Ephrata, PA
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FARM EQUIPMENT

AC combine 40" grain 40 years old, one owner, kept under roof, good condition, $300. 717-386-4596.

AC 200 Tractor w/Cab
AC 160 Dsl. Tractor w/ Loader
AC C Tractor & Cultivator
AC CA Tractor w/ Cultivator
AC 4 row 600 No till cornplanter
NH #479 Haybine
NI #218 Spr. w/Upper Btr & End Gate
NI #218 Spr. w/Upper Btr.
NI #213 Spreader
NI #709 Hydro Power Unit
OMC 235 Swing Tongue Mower Conditioner 12'
OMC 220 9' Mower Conditioner
OMC 540 Stacker & Mover
8C Hydra-Mac Skid Loader

ROY H. BUCH INC.
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NH 271 w/THROWER

JD 24T w/THROWER

IHC 56 4 ROW

IHC CYCLO 400 6 ROW PLANTER

NH V-TANDEM RAKE HITCH

TRI-AXLE 18,000 Lb. 24 FT. TRAILER

17 HP 4 WHEEL DRIVE DIESEL & EQUIPMENT

MUSTAGE SKID LOADERS

SHEETS BROS.
New Holland, White
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case

Case 1410 Tractor 2 yrs. old, low hrs. good shape.
David Brown 1212 Tractor, Low hours, Excellent Shape
Case 990 Tractor, Low hrs., A-1 shape, good price
Case 530 Tractor, Diesel, Best Offer.
705 Power Unit Diesel, Uni-System
Hesston 4600 Hydraulic Tension Conv. Baler — Will take best offer, only 1 yr. old.
OMC 540 Stacker
OMC 540 N Mover
6' Pittsburgh Disc, like new
AMCO 10' 1982 New Disc
RP 10' Disc, A1 Shape (New)
Used NI #324 2 Row Wide gathering unit, good shape.
Plus NI 702 Uni-Tractors, mow/ditioners, tractors & spreaders in stock at Good Prices.

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'76 JD 4230, roll bar, dual hydraulic, extra nice, $9,500. 717-264-1154.

IH MODEL 435 BALER
Demo,
New Warranty
$5995

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Sinking Springs, Inc.
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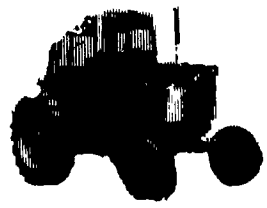

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9518 Simplicity demo.-Special Price $5,800
234 4 Wheel Drive
244 4 Wheel Drive
584
540 Skidder SOLD
335 Wagon
5100 16x7 Grain Drill
510 Plow
720 Plow

NEW EQUIPMENT SPECIALS
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18' Bale Wagon-Special Price
Morridge Corn Dryer
4 Row 800 corn planter
1190 Mower 7 ft. cond.
15 Bale Thrower

USED EQUIPMENT SPECIAL
1947 CJ2 Jeep
Farmall SOLD er C Tractor
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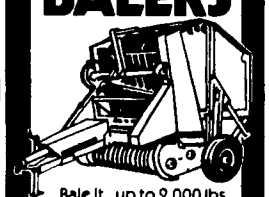
LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

HAY! BALERS



Bale it up to 2,000 lbs of hay in one package
Up to 15 tons per hour
Solid from the core to the outside wrap
- 25% heavier than other large round packages 25% less spoilage
- A bale that retains its shape — and nutritional value — better than any other hay package in the field
- Five different models to fit your needs
- The best part? It's the most competitively priced baler in the field today!

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The one man hay system includes disk and drum mowers, tedder rakes (twin rakes which can rake 3-9 ft. swaths into 1 adjustable width windrow) New and Used Balers, Bale Movers and Bale Busters

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Western PA
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Complete TRACTOR & ENGINE REBUILDING
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A C and Wisc 2 and 4 cyl power units with or without clutch reduction

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case

TRACTORS
- Case VAC
- Case 995
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- Oliver 500
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- Case 1740 Skid Loader
- Case 1816 B Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer
- Int 3200 Skid Loader

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- Brady 13' Field Cult
- Case Disc Harrow, 10'
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- MF 3 Bot Plow
- Used Cultipacker

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- Hesston 2000 150 Harvester
- Case 600 Combine w/3 Row Head
- NI Unisystem 702 Tractor, 702 Diesel, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 316 Husker
- NI 315 Sheller
- NI 729A Sheller
- NI 767 Super Chopper
- NI 735 Cornhead
- NI 323 1-Row Cornpicker
- NI 325 2 Row Corn picker
- NI 324 2 Row Corn picker
- IH 550 Harvester
- Case 300 Harvester
- NH 717 Harvester
- Gehl 1200 Harvester w/pickup and 2-row cornhead

HAY EQUIPMENT
- NI 279 Cutditioner
- JD 1209 Windrower
- IH 1190 Windrower
- NH 479 Windrower
- Hesston PT 10
- Hesston 1090 Windrower
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- Bale Thrower Wagon
- Case Hay Rake
- NI 402 Hay Rake
- NI Hay Rake
- NI 456 Round Baler

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- IH 400 Corn Planter 8 Row
- 4 Row Cole Planter
- 6 Used Spreaders
- NI 218 Spreader
- IH 275 Spreader
- Weaverline Cart 24 Bushel

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• 8 USED WINDROWERS!

Van Dale
ST 100 MIXER
New Scale and New Bottom

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Bethel, PA
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FARM EQUIPMENT

1 1469 W/FULL CAB & BLOWER, GOOD CONDITION $2950

1 NEW 7 TOOTH, 9' GLENCOE SOIL SAVER, $5,200

JD 34 HARVESTER W/ PICKUP & CORN HEAD $1,000

1 NH 488 HAYBINE USED 1 YR. $5200

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Ford 3400 w/loader
Ford CL 40 Skid Loader
Ford 6700 w/canopy
Ford 5000 dual power
Ford 4000 D LPTO
Ford 3000 G Gas & Diesel
IH SC w/fast hitch
AC D15 3 pt.
David Brown 1200,
Case VAC 3 pt.
JD 4010 WFE
JD 2640 w/canopy
JD 520 3 pt., PS
JD 60 PS, LPTO
JD 4400 G Combine
MF 175 D 8 speed
MF 235 G PS
MF 33 Grain Drill
Ontario Grain Drill
NI Hay Rake
Oliver Hay Rake
Ford 6 Bottom
Ford 309 Planter
NI 206 Spreader
NH 216 Spreader

KELLER'S FARM MACHINERY, INC.
116 Richlandtown Pike
Quakertown, PA 18951
215-536-4046

FARM EQUIPMENT

MF 410 combine with 13' and 14' grain heads with pickup reels; MF 422 4 row corn head. Will separate 8200 bu. MFS grain bin with in bin dryer. Juniata Co. 717-527-4060.

JOHN DEERE

USED EQUIPMENT
INT. 475 DISC
JD 5020 tractor
MOTT MOWER - 48 In.
JD 54 Manure Spreader
JD 494A Planter
JD 694A Planter
JD 4400 Combine
JD 105 Combine
JD 1250 corn planter
Oliver 5x16 Plow
1-JD AW disk harrow, 14'
JD 1008 Rotary Cutter - 10 Ft.
4440 Tractor w/cab & air

NEW EQUIPMENT
JD 415 Rotary Hoe
JD 347 W Baler
JD 7100 8-row 20" bean planter
JD 7000 - 4 Row & 6 Row Conservation Planter
1 - JD 506 Gyramor
JD 660 Rake
2950 Tractor
4250 Tractor
JD 850 Tractor
JD 2350 Tractor

OTHER LINES NEW EQUIPMENT
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JD Model 24T Baler with Kicker - Good Condition

$1495

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FARM EQUIPMENT

For Sale (2) 16.9 x 38 6 ply tractor tires, 30% tread left $50 ea. 717-277-6235 evenings after 7:30.

IH 125 sp combine, $1300; Oliver manure spreader, $450, corn sheller, $200. 717-758-3252.

Bobcat Skid Loader, $4,250.
DENNIS M. MILLER
Rt. 22, Grantville, PA
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1050 IH Grinder Mixer, long auger, magnet, roll feed for ear corn. Franklin. 717-349-7536.

For Sale - Flygt submersible manure pump, 16 h.p., model FS-3152, used only 8 months, Also (1) Vandale model 210 T.M.R. mixer, (stationary). Call Brad-Tro Equip. Co. 717-297-4246.

966 Farmall, 18.4x34 tires, wheel weights, dual hydraulics, 3 pt. hitch, 540-1000 shafts, $5,975 Original. 215-267-5131.

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TRACTORS
AC 7060 PS
AC 7040
AC 7030
AC 5040 w/loader
AC 6060 w/loader, 4 wheel
AC 190
AC WC
Case 930
JD B
IH 656H
David Brown 1212
Case 2390
Kubota B8200

COMBINES
AC CII w/2 Hds.
AC F330 Corn Hd.
AC G440 Corn Hd.
NH TR70 w/960 & 962W4
NH TR70 w/13' Flex Hd. & 962N6
NH 970 Gr. Hd.

LAWN & GARDEN
AC B-10
AC B 208
Simplicity 728
Jacobsen GT-10
Hesston H180
Cadet 1650
Cub w/mower
AC HB 212
AC 808
Ford Riding

SPREADERS
Badger 230 Tank Liquid
Badger 325 Tank w/pump
NH 365 Tank flail
NH 791 Box
Lely fertz

BALERS
MF 12 w/thrower
Hesston 4600
NH 845 Round
NH 276 w/thrower
NH 278 w/58 Thrower
NH 846 Round
Ford Baler

MOWER CONDITIONERS
(2) NH 1495 SP
Case 955 Windrower
Hesston 1014 Windrower Hydro S.
Hesston 620 Windrower S.P.
Woods RM306
(1) NH 489
IH 990
NI Mow/ditioner

MOWERS
NH 462 Disc
JD Side Mt
Bushhog Batwing
JD 25A Flail
Woods RM48

LOADERS
JD 2010 Crawler Dozer
Mitey Mac 8C
(2) NH 425
NH 445 w/Deutz Diesel
NH L775

PLANTERS
AC 600 4R
AC 7R Bean

FORAGE EQUIPMENT
FQ SD7655 w/4R Corn & 4R snapper
FQ 7600 w/R W, 4R N & WPU
Hesston FA-7 Hd
NH 822 C Hd
NH 770R2
NH 919 A4
NH 890 EN2
NH 890N3
NH 890A
NH 880 WPU
NH 880R2
NH 1895 3RN & WPU
NS SOLD

MISCELLANEOUS
AC 5 Btm 18" Plow
NI 324 Super Sheller
Brillion STS10 Transp. Harrow
NH 28 Blower
NH Straw Chopper
Brillion 10 ft. Cultipacker
Lely Rotara
Badger Elevator
Kubota 1102 Engine
Kubota EA600NB Engine
BerVac S-60 Snowblower
NH 354 Grinder Mixer
NH 358 Grinder Mixer
Moore Grain Drill No til
NH 85 Bale Handler round
Wisconsin TFD Engine
Badger Blower

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(3) NH #8 Crop
Hesston 30A Stacker
NH 1010 Bale

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NH 1002 Auto Bale Wagon
Good Shape
$3,000

(1) 1830 Skid Loader, Excel. Cond. w/Grapple Hook

(1) 1737 Skid Loader, Excel. Cond.

1976 Case DB990 Tractor
Good Shape

ACWD 45 Diesel Tractor w/3 Bottom Plows. Good Shape
$1895

NH 450
3 Pt. Mower

OMC 540 Stacker & Mover Like New
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Hesston PT 10 Haybine

New NH 718 Harvester w/1000 RPM, Elec. Controls, PU Head, Demonstrator, Good Price
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Will Sell Less Head
$6,400

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$895

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FARM EQUIPMENT

FARM EQUIPMENT

USED TRACTORS

JD 4440 1978 w/Rops Canopy
AC 7000 1978 w/Cab & Air

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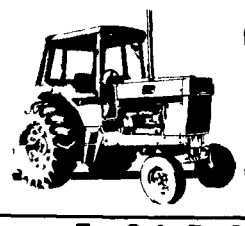
USED TRACTORS · USED TRACTORS · USED TRACTORS



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For Sale By Original Owner
NI 801 w/500 hrs.,
2 WD w/838 Husker
800 Series Throat
844 Cornhead
818 Combine
815 Flex Grain Head

IH 1066 Cab & Air
JD 55 Square Back Combine w/Late Quick Tach Throat
MF 1976 510 Diesel Combine
Farmall 706 Gas, $2,750 SOLD
Farmall 756 Diesel
IH 1456 Tractors w/Cabs
Case 1030 Diesel
JD 4020 Diesel, PS
NI 13' Flex head 740 fast-touch throat
NI 701 Tractor

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TRACTORS
JD 4440 Diesel Cab, Air, Quad Range
JD 4430 Cab, Air, Quad Range
JD 4230 Diesel Cab & Air 76 Model
JD 4030 Gas, Quad Range
JD 4430 Dsl., WF, Rops new engine, very good
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JD 4010 Dsl., WF
JD 3020 Dsl., WF, Dual Hyd.
JD 2440 500 hrs., High Low Independent PTO
JD 2030 Dsl., Independent, PTO, 1600 hrs.
JD 1020 Dsl. w/3 pt.
JD 630
IH 1466 Dsl. w/Cab & Air, very nice
IH 1066 Dsl., Cab and Air, very nice
IH 886 Dsl. Cab & Air, 1100 Hrs., Very Nice
IH 656 WF, 3 pt.
IH 560 Gas, Fast Hitch, exceptionally nice SOLD
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MF 265 Dsl., 1500 hrs., MP 15.5x38, very nice
MF 180 Dsl., WF
AC 200 Dsl. Cab & Air
AC 5040 Dsl., 550 hrs.
Bobcat Skid Loader

HAY EQUIPMENT
MF 120 T Baler w/thrower
JD 346 Wire Baler w/thrower
NH 48[SOLD]bine
NH 479 Haybine
JD 1209 Mower Conditioner Late Model SOLD
IH 1190 Mower Conditioner
NH 310 Baler w/thrower
NH 56 Rake
JD 6[SOLD]ake

CORN HEADS
AC FG 430
MF 24, 33, 43, 44
JD 243, 244, 343, 443, 444, 643

HARVESTERS
NH Super 717 w/2R corn head, very good
JD 3960 w/2 row narrow Head elec. controls
JD 35 w/540 PTO 1 or 2 row head

PLOWS
JD 4 & 5 Base Semi Mtd.
IH 710 5x20 Spring Reset
IH 720 5x16 Spring Reset
JD 2500 5x18 Spring Reset w/onland hitch
JD 2500 5x18 Hydraulic Reset

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NH 352 w/folding auger, very good
JD 400, very nice
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NH 353 Like New

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NI 324 2 row wide w/12 roll bed
NI 324 2 row wide w/Super Sheller, like new
NI 319 2 row mounted 12 roll bed, like new
NI 323 1 row, very good
NI #7 1 row
JD A Tractor w/2 row mounted

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$36.50 per box

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White 271 hyd fold 18'
JD BWF 18' Wing Fold Rock Flex
JD TWA 11' Heavy duty disc
JD 4000 Double Offset 12'
JD KBA 10'
JD AW 10', very good
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JD 3 pt. 18' Hydraulic Wing Fold Field Cult.
JD 45 & 55 Quick Tach Feeder Houses, very good
Servis 12' Rotary Mower
JD cab to fit SOLD, 1520, 2030, or 2630
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JD 454 Row Crop Head

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

FARM EQUIPMENT

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Hay Tedder, Vicon, 10'
Fahr KH-40 hay fluffer, 14' PTO driven
John Deere 480 mower conditioner
20 8x38-8P G Y power torque, new, slight damage pair, $800
14 9x28-6P G Y power torque, new pair $330
MF-1150 V-8 engine, turbo multi-power trans
Case 930 gas, comfort King, wide front
Case 830 diesel, comfort King, Case-O-Matic, wide front

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D5207 Deutz tractor, 52 h p
D7007 Deutz Tractor, 68 h p
DX 4 70 Deutz tractor, 90 h p w/4 post safety frame
DX 120 Deutz tractor, 111 h p, w/4 post safety frame
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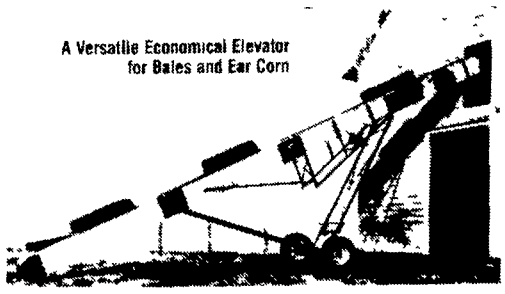

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• NI 751 Hay Conditioner	$350 00
• NH 455 Mower	$950.00
• NI 752 Hay Conditioner	$625 00
• NH 56 Rake	$1350 00

TRACTORS

• MM 4 Star w/Loader	$1950 00
• 930 Case Standard w/Pulley	
• Super A w/cultivators	$2,050 00
• Massey Harris Pony w/cultivators, & plow	$1,195.00
• Ford 2000	$3850

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(1) 605H Baler
(2) 504H Baler
(1) 504G Baler
(1) Hydraulic Drive Rock Picker
(1) 10' No-Til Grain Drill
(1) 21' Twin Rake
(1) NH 256 Bale Buster
JD Skid loader
Owatonna 540 Stack Hand

NEW VICON EQUIPMENT

(2) KM 321 Mower Conditioner 10' 6"
(1) KM 281 Mower Conditioner 9' 5"
(2) KM 240 Mower Conditioner 7' 10"
(2) CM 240 Mower 7' 10"
(3) RC 300 and 330 Tedder-Rake
(2) 16' Tedder
(3) Vicon Square Baler
(3) 600 lb. Spin Spreader
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(2) Double V Rake
(4) Single 4 wheel Rake
(1) Tandem Axle 500 gal. Sprayer with Electric Controls

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JD L Tractor w/Plow & Cultivators
JD 50 Tractor
JD 2440 Tractor 1700 Hrs. 1979 Model
JD 4020 P/S 1968 w/Cab
Kubota - L185 - w/L59 Woods Mower & Snowblade, 992 Hrs. 1980 Model
IH 1086 Tractor - 3116 Hrs. 1977 Model
JD F350 4x16 Power Reset Semi-Mtd. Plow
JD F145A - 5x16 Semi-Mtd. Plow
(2) JD 494A Corn Planters
AC 7 Row No-Till Bean Planter
IH 56 4 Row Planter
NH 10' Lime Fertilizer Spreader
Century 200 Gal. Trailer Sprayer
IH 13 ft. Roller Harrow
JD 896 Rake
JD 7 ft Killifer Offset Disc Harrow
JD TWA 11 ft 24 Blade Plowing Disc Harrow
JD 567 Wheel Rake w/6 Wheels, Like New
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JD 148 Loader
JD 34 Spreader
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JD FB-B 17x7 Drill
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1 pr. 14-9-28 Rear Tractor Chains, $125 00
JD 444 Corn Head, Like New
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JD 244 Corn Head

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JD 215 11 ft. 5 in. Dura Cushion Disk Harrow
JD 215 12 ft. 10 in. Disk Harrow

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IH 454 w/1100 hrs
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IH F 656 D (Overhauled)
IH F 706 G (Overhauled)
IH F 656 G w/Cab (Overhauled)
IH F 656 G Gear
IH F 340
IH I 504 w/NI Loader
IH F 200
IH Super C
IH Super A w/Cults
IH H
IH M
IH Farmall B
IH F 450
IH F 560 D
IH Cub w/Cult
MF 35 D w/Loader
JD 620
JD 2010 G

BALERS
IH 440 w/Thrower
IH 47 w/Thrower
OMC 540 Stacker
OMC 540 Mover
Hesston 10 Stacker
Hesston 10 Mover

BLOWERS
IH 56
NH 27
Fox 656
Fox 660
Fox 44 Table
Hussler 56
JD 66
Gehl 99
AC 48
Dion 56
Kook KB 60

COMBINES
IH 1460 700 hrs
IH 303 w/Cab
IH 715 w/Cab
IH 205

CULTIVATORS
IH 4 R Mtd 560
Case 2 R Mtd - SC
Oliver Rotary Hoe 3 pt

ELEVATORS
Zimmerman 32'
Zimmerman 40'
Mulky 32'

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IH 1250 w/Scales
IH 1150 w/Scales

HARROWS
IH 47 Disc 13'
Athens 13' Disc
Bush Hog 11' Disc
JD WRA 13' Disc
Miller 10' Offset Disc
Nemyer 3 pt Harrow Tiller

WINDROWERS
NI 279 9'
AC 904 9'
Gehl 108 9
IH 2 A Crusher
IH 5000 w/Cab

LOADERS
IH 2350
IH 2050 A
NI 502
NI 504
NI 506
Kwik Way (IH 284)
IH 3300 B-Skid
Hydro-Mac 10 Skid

MOWERS
IH 2 pt Sycle
IH Super A rear Mtd
JD 5 Sycle
MF Dyno Balanced
NH 46 Sycle
Lyston Rotary 3 pt 6 x6

PICKERS
NI 324 2 RW
NI 323 1 Row
NI 330 3 RN
IH 234 Mtd
NI 314 Sheller

PLANTERS
IH 800 4 Row
IH 400 4 Row
IH 56 4 Row
IH 56 2 Row
Ferguson 2 RW 3 pt
JD 7000 6 Row

PLOWS
IH 710 4x16
IH 720 5x20
IH 450 3x16
Oliver 565 4x16
Oliver 3x14
IH 209 2x14
JD 345 4x16

SPRAYERS
Demco 500 gal
Johnson 300 gal
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NH 57 R 3 pt
Vicon Turner
Grimm PTO Tedder

FORAGE HARVESTERS
Gehl 600 2RN+P
Fox 2200 2RN + 2RW
JD 38 2 RW
IH 550 2 RWN+P
IH 555 2 RW+P
Fox 1000 2 RW+P
Fox 546 2 RW+P
Fox 249 Snapper Head

BARN EQUIPMENT
Badger Barn Cleaner
Badger 24' Silo Unloader
Silo matic 24' Silo Unloader
Silo matic 14' Silo Unloader

MANURE SPREADERS
NI 218
NI 224
NI 213
NI 212
NH 790
Hawk Built 357
Clay 1500 Liq

UNI EQUIPMENT
708 Hydro
702 D Gear
767 Super Chopper
768 3 RWN Head
731 4 RW Head
744 N 4 RN Head
844 W 4 RW Head
770 Adapter
818 Combine
729 A Sheller

MANURE SPREADERS
Lely 2500 Fert

WAGONS
IH 105 16'
Gehl 912 16'
AC 16'
Grove 14+16'
JD 115 16'
16' Bale Wagon
Butler 1830 Feeder Wagon
Vandal 180 Mixer Wagon

GRAIN DRILLS
JD FBB 13x7
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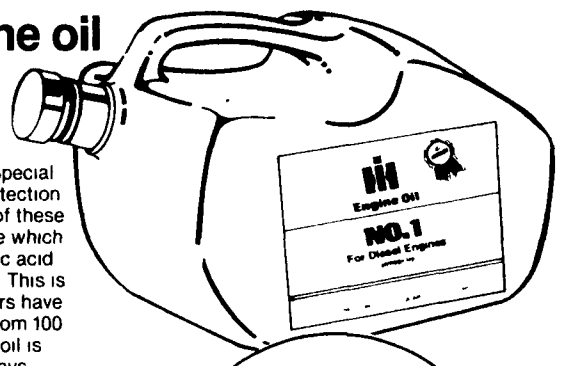

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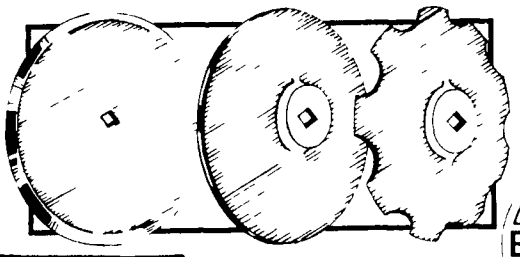

IH DISK HEADQUARTERS!

EARTH METAL

EARTH METAL DISKS:
60% Stronger!
20% Longer Life!

C-shape bearing standards Allow gangs flex to ride over obstructions.

IH 496 FLEX WING DISK HARROWS WITH EARTH METAL DISKS!

Model	Cutting Width	Disk Blade Spacing	Blade Sizes Available	Transport Width	Operating weight With Blade Sizes
496 Folding Wing-Type	18 ft 7 in 22 ft 2 in 24 ft 7 in 28 ft 1 in 31 ft 8 in	7½ in	20 or 22 in	12 ft 5 in 12 ft 5 in 14 ft 8 in 14 ft 8 in 14 ft 8 in	20 in solid 6598 lb 7326 lb 7807 lb 8513 lb 9137 lb
	19 ft 1 in 22 ft 24 ft 10 in 27 ft 8 in 32 ft	9 in	22 in	12 ft 5 in 12 ft 5 in 14 ft 8 in 14 ft 8 in 14 ft 8 in	22 in solid 6750 lb 7370 lb 7847 lb 8482 lb 9224 lb
496 Cushion Gang	19 ft 1 in 22 ft 24 ft 10 in 27 ft 8 in 32 ft	9 in	22 in	12 ft 5 in 12 ft 5 in 14 ft 8 in 14 ft 8 in 14 ft 8 in	22 in solid 7125 lb 7667 lb 8105 lb 8911 lb 9700 lb

New....
22'2" - 7½" Spacing, Cushion Gang - Model 496

18'7" - 7½ Spacing, Cushion Gang
19'1" - 9" Spacing, Regular Gang
22'9" Spacing, Cushinn Gang

WAIVER or CASH REBATES ON DISK HARROWS TIL 9/1/84

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IH GRAIN DRILLS
• In Stock - Ready For Delivery •
Trailer Load Just In! 16x7 Plain 18x7 Plain 20x6 Plain 24x6 Plain
★ WAIVER TILL 5/1/85!

TILLAGE EQUIP. IN STOCK!
415 Packer Mulchers, 12'2, 13'2, 14'2 & 21' In Stock
No. 14 Subsoiler, Auto Reset, 5 Shanks
IH 4600 Hyd. Folding 26' Field Cultivator-Demo Avail.

TRACTORS, COMBINES & EQUIPMENT
4% DEALER ALLOWANCE AVAIL. DURING JUNE!

JULY ALLOWANCE—3%

WAIVERS or CASH REBATES NOW AVAILABLE...

New Ag Tractors	Til 1/1/85
New Combines	Til 9/1/84
New Planters And Cultivators	Til 5/1/85
Field Cultivators & Packer Mulchers	Til 3/1/85
Hay Equipment • Extra 10% Discount For June Purchases	Til 9/1/84
Materials Handling	Til 11/1/84

CALL NOW FOR OUR SPECIAL PRICES!

- 884 Row Crop
- IH 4600 Hyd. Folding 26' Field Culti. Transport w/13'9-Demo Avail.
- 3288 D w/Rops
- 15 Rear Blade, 3 pt.
- 20 Rear Blade, 3 pt.
- 5500 11 Ft. Mounted Chisel (Demo.)
- 735 6-Btm. Vari-Width-8%
- 1350 Grinder Mixer
- 881 For. Harv. w/Heads
- 781 For Harv. w/Heads
- 595 Spreader
- 560 Spreader
- 183 4-Row Cultivator
- 183 6-Row Cultivator
- (2) 963 Cornheads
- 35 Hyd. Drive Hay Rake
- 375 10 Ton Tandem Wgn Gear

ALLOWANCES ON TRACTORS UP TO $6,000 PLUS WAIVER OR CASH REBATE!
★ IH 884 R/C
★ IH 784 & 684 R/C
★ IH 3088 ★IH 3288 w/ROPS
★ IH 5288 - Rental Demo - Special!
★ IH 5088 w/18.4x38 Duals

IH 6788 TRACTOR
4 Wheel Drive, 160 + HP,
18.4x38 Duals...
12% DEMO DISCOUNT
Plus Waiver or Cash Discount

USED EQUIPMENT

TRACTORS: (Waiver to 9/1/84 or Cash Rebate
IH 806, 3 pt. Hitch, Wide Front, TA, $5950 (No Trade)
(2) IH Farmall "C"
Farmall Super C w/Fast Hitch & Cult.
Farmall 300
Farmall 400
Int. F12 w/cult.
JD 2010 D, Tri.
IH 966D w/Cab
IH 806 Diesel, Wide Front, TA, Fast Hitch
IH 450 Gas, wide Front — $2250
IH 404 Low Utility, 3 pt. Hitch, w/Mott Mower & Snowblade
MF TO-20 w/Turf Tires
MF 33 w/3 pt. Hitch
MF 65 Diesel w/MF Loader
MF 35 Diesel
IH 240 w/Fast Hitch
Ford Jubilee — $2,500

TILLAGE:
Brillion 16' Single Packer, Like New
Pittsburg 11'6" Disk
JD KBA Disk, 9' — $750
JD KBA 12' Disk
JD 2500 7-Bot On Land Auto Reset Plow
IH 37, 35 In Various Sizes
IH 55 Consertil 10 Ft. with Busterbar, Trailing
Oliver 4-Bot. Semi-Mtd. Plow
IH 440 4-Bot. Plow
IH 645 Vibra Chisel, 13½', Trailing
IH 45 Vibra Cult., 12½', Trailing - $1,250
IH 45 Vibra Cult., 13½' Folding
AC 1-Bot. Trailing Plow
MF 520 20' Folding Disk
Vicon 10' Power Harrow — Was $2,500 — Now $1,800

LAWN & GARDEN:
IH 72 Cadet w/Mower
IH 1000 w/38" Mower
MF 340 Snowmobile, Good Shape — $750
Dayton 10 HP w/Blade and Mower — $1050
Bolens 1050 with Roto Tiller & Snow Blade — $750

HAY & FORAGE EQUIP
(3) IH No. 51 Forage Wagon
IH #5 Flail Chopper, Direct Throw
33 NH Flail Chopper
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
550 IH Chopper
NH 36 Crop Chopper
1014 Hesston Mower Cond.
NH 269 Baler
IH 27 Baler w/Thrower
IH 420 Baler
IH 440 Wire Baler w/Thrower
(2) IH No. 10 Bale Throwers
5026 Elec. Wheel, 8 ton Gears
IH 25B Mower for H or M
IH Direct Cut Head Ford 25 or 16 Chopper
IH 40 Shredder

MISCELLANEOUS:
New FMC DO-10E 200 S, Electric Start Trailing Sprayer, 200 Gal. Stainless Steel Tank w/10 GPM Pump — $3,250
McCurdy 20' Trailing Harrogator — $1,300
SIMMS Cab & Roll Bar Enclosure for 574 Series Tractor — $750
Rhino 13' Flex Disk At Below Dealer Cost SOLD
Melroe No. 600 Rock Picker
IH 80 Snowblower, Like New!
(5) Cushman Golf Carts — $250 ea., in running cond.
IH 1600 Truck w/9' Dump & 9' New Midwest Body — $4250
Athens 15' Bat Wing Mower (In Stock)

PLANTERS:
(Waiver on Gr. Drills to 5/1/85)
JD 7000 Conservation, 6 Row, Liq. Fert., Like New—Field Ready
IH 2-Row Fast Hitch
IH 2-Row Trailing
IH 455 4-Row
IH 658 6-Row Narrow Dry Fert.
4 & 6 Row Cyclos, Field Ready!
JD 1240 Plateless, Liq. Fert., 30" Rows w/DEMCO Squeeze Pump — Nice!
JD Van Brunt 13x7
JD 15x7 Drill, DD, Comb.
IH Fast Hitch, 2 Row Cult., Like New
IH 200, 3 pt. Hitch, 2 Row Cult., Like New
8' Brillion Packer Seeder, w/2 Boxes

MATERIALS HANDLING:
Front Mtd. Forklift for 20 Series JD Tractor
Farmhand Loader for IH 74 Series Tractor

COMBINES: (Waiver to 1/1/85)
715 Diesel Hydro w/13' Floating Cutter Bar and 744 Cornhead
AC Model C2, 12' Hd., 4-Row Wide - Rough Cond - $2,000
MF Model 300 Gas, 2-Row Hd, & Platform - Rough Cond. — $1,200
810 13' Cutter Bar
IH 1460 (1980 Model) w/963 Cornhead — 1100 HRS., Like New!
MH 35 SP 8' Platform, Fair Shape
715 D Hydro, 1976 Model, 820 15' Cutting Bar — Real Nice
JD 4400 1977 Model w/213 Floating Cutter Bar & 443 Cornhead, 1355 Hrs.
IH 315 Hydro w/12' Platform, Field Ready, w/PU Wheel & Hyd. Lift
IH 315 Hydro (For Parts)
IH 403 w 4-Row Wide Head & 12 ft. Grain Platform
IH 844 Cornhead
IH 315, 2-Row Wide Head
IH 227 Cornhead, fits 315, 205 or 203
IH 234 Picker w/Husking Bed, Mount for 656 Farmall
Set of Tires & Rims for 1420 Combine - 23x134 Rice tires

We Ship Parts UPS, Parcel Post - Same Day!
Call For Stock Items

★ Northwestern Skid Loader - Model S71 Gas - Demo, In Stock At Special Price!
Special Price On Diesel Unit Available On Factory Order - Call For Price!

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★ Farm Bilt Hay Wagons ★ John Blue Sprayers
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★ DeLaval ★ Roskamp Roller Mills ★ Woods
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USED EQUIPMENT

TRACTORS

Oliver 1755 D w/cab
AC 5050 4-Wheel Drive

COMPACT TRACTORS

Kubota B6000 E with Woods RM 59 mower
Satoh S550 G

HAY TOOLS

NH 68 Baler w/thrower
NH 30' Elevator
(2) NH 469 Haybines

SPREADERS

NH 367 Tank Spreader (L H.)

PLANTING & TILLAGE

Oliver 348 3-16 plow
Brillion 14' Transport Harrow
IHC 455 4-Row Planter
IHC 400 4-Row, No Til

●●●●●●●●●●●●●

NORMAN D. CLARK & SON

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Located 14 Miles South of Port Royal on Rt. 75

JOHN DEERE

JD 4630 Tractor
JD 4430 Tractor w/roll guard
JD 4430 Tractor w/Row Crop Fenders
JD 4020 Side Console, WF
JD 4010 w/WF
JD 4010 Tractor w/year round cab
JD 2640 Tractor
JD 650 Tractor
JD 2840 Tractor w/year round cab
MF 135 Tractor
Oliver 1950 Tractor
JD 7000 6R Consv. Planter w/Liquid Fert.
JD 7000 4R Consv. Planter w/liq. fert.
JD 1240 4R Plateless Corn Planter
NI 325 2R Picker Sheller
NI 323 1 Row Corn Picker
JD 3800 Chopper w/2R corn head
JD 110 Disc
JD B Plane 15 Disc Grain Drill
NH Self-propelled Windrower
JD Kilafor offset Disc
Taylorway offset Disc
JD FB Grain Drill
John Blue 400 gal. Applicator
John Blue 1000 gal. Nurse Tank
JD 4400 Combine w/Platform & C.H.
JD 7700 Combine
JD 7700 Combine w/643 Corn Head & Platform
Gleaner A Combine
JD 244 Corn Head
NI 279 Cut/ditioner
JD 10' Pull Type Chisel Plow
JD 1450 4B Plow
JD F145 5B Plow
IH 5B Plow
IH 6B Plow
JD 2840 Tractor w/Cab
JD 2 Bottom Plow
NH Rake
Used Hay Wagon

ENFIELD EQUIPMENT INC.

Whiteford, MD 21160
Ph: 301-452-5252

Tractors & Equipment Just Traded & Purchased - New JD 2440 D for $13,900, New JD 4440 SG, Cab, PS; New JD 4440 SG, Cab, Quad; Used JD 4440; C.A. PS, original, real nice; New JD 2950 C.A., 4 wheel drive; New JD 6-row conservation planter w/liquid fert., inst., & monitor; Price for $12,900. New JD hay pickup head, $1,700; JD 4030 SG, Cab, Air, Quad, real nice; JD 4020 w/WF, 2 valves, new motor & original paint; JD Loader; JD 4010 D., (SOLD); WF, Original, 4430 CAQR. JD 5020 w/Dual Wheels, JD 4320 w/cab; Farmall 186 Hydro Cab & Air; 706 Gas WF, TA, FH. Original. Super M; IH 3788 2+2 used 700 hrs.; IH 3588 2+2 w/800 hrs.; Farmall 656 D, WF, TA, motor rebuilt; White 4-150-4 WD for $11,900; JD 4020 side console, Farmall 656 Hydro D., real good, Case 1030 D 3 New MC; 9 ft. cut/ditioner, $4450.00; New MC 7' for $3900.00; Used NI 279, cut/ditioner; NH 320 Baler w/thrower; Int. 400 4 row cyclo planter w/no-til; Brillion 21 ft. hyd. fold cultimulcher; Oliver 4xsp. reset plow; Case 1537 Skid Loader.

Farmall 1026 Hydro; JD 400 rotary hoes.

Late model JD 1209 Haybine.

Late Model Int. 990 haybine.

NH 479 Haybines; real nice & field ready.

Hay Equipment Specials Haybines - JD 1209 for 2000, Int. 1190 for 2475. New NH 489; NI 7' cut/ditioner.

MC 9' rotary scythe, $1250, NI 279 cut/ditioner, $1500, NI 7' cut/ditioner, $1200 & Up.

Balers: NH 280, NH 269, w/thrower, $1450.00.

NH 320, looks like new; also new 70 NH Thrower. JD 466, a real nice big baler. Used NH 258 rake 2/whl. Used NH L56 Rake; Ford & JD 3' sickle mowers; JD rake w/dolly whl.

JD 346 Wire Baler w/thrower; JD 336 Twine w/thrower.

(Combines on our lot)

Used J.D. 6620 Hydro w/heads

Used JD 6620 side hill fully Eq. w/215 flex & 643 C.H.

New JD 4420 fully equipt. 443 C.H. Used NH TR70 Hydro w/15 ft. flex & 6 row; Int. 1460 axial flo w/grain & 6 row; White 9700 rotary w/4 whl grain and 6 row C.H. 1977 JD 4400 Dsl. cab and air real nice; 1975 JD 6600D rotary screen, good cond. 1976 Int. 715D, w/air & 13 ft. grain, field ready, never used in corn. 1977 Gleaner L2 hydro w/6 row C.H. 1976 Gleaner FD w/C.A. and 2 heads, 1976 Int 915D w/810 grain head. 1979 MF 550D, excel w/grain and corn heads. 1975-MF 510D hydra. w/grain and 43 corn heads.

MF 410 D. w/cab & Q.T Grain head.

MF 510D w/cab, Quick Tach grain Sale Price $5850.

1968 Gleaner CII diesel w/cab and 4 row C.H. JD 7700 D w/grain & corn head.

1969 MF 510D, cab & 2 heads for $9500.

MF 300 w/cab & 2 heads for $2900.

1969 JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.

1979 MF 750 Combine, like new; 1976 MF 510, real nice.

1972 Gleaner F w/grain & 4 row C.H.

Int. 105 w/cab 10 ft. grain and 2 row C.H.

Gleaner E III w/cab.

AC 90 pull combine.

NI 702D w/cab w/chopper and 2 row C.H. $6250. 702 w/729 A sheller.

We have 4 N.I. Uni 729A shellers from $1500.

TRACTORS AND EQUIP. JUST PURCHASED, New JD 4240 C.A. and P. Shift, JD 4620 w/cab and new tires, real nice, JD 4640 C.A. PS 20x38 tires like new for $32,900. JD 2940 w/300 hrs., Used JD 2640 w/Hi-Lo dual hydraulic, $9875; JD 2010 gas 1775, Farmall 1086 C.A., $17,800; Farmall 886 w/cab and 18x38 tires like new, Farmall M, Farmall 230 WF & FH & Cult.; Ford Super A w/2 Way plow, Cult.; Snow plow, Fully Eq., excel. cond.; Case 930D, original, Case 1030D, JD 3020 S.C. P.S. WF, JD 2030D w/R.G., JD 3010 gas, MF 180 Diesel, New A.C. 8050 P.S. w/radial tires list 56, cost 44, our price $34,850 - MF 184 4 whl. drive, MF 1080, new JD 4050 C.A. P.S. used JD 4440 C.A. Q.R. looks like new, $26,500.

Just Traded JD 4430 CA QR-nice.

Used JD 4040 w/R.G. and QR- nice. JD 4630 cab, air P.S. w/front whl. drive; JD 6030 C.A. Duals all original; Farmall 1586 C.A. real nice; Farmall 1486 C.A. w/radial tires, real nice, one local owner; 1086 C.A. original, Int. 784 utility D, 1066 Hydro original, Farmall 706 gas WF and 3 pt., 766 original, NI 325 picker w/sheller like new. NI 325 picker w/12 roll bed; N.I. 324 picker w/12 roll bed; Case 1370 C.A. PS - factory duals and full wts., $13,500.00.

NI Combines Just Dealt. NI 717 combine w/13 ft. grain; NI 738 4R N CH; NI 10 ft. direct cut head; NI 3 row 30" silage head.

NI 713 Q Tach grain head.

MF 1135 CA MP real nice. Farmall 1468 C.A. $8850.

Farmall 886 w/R.G., 560D w/F.H. Nice 756D WF and F.H. nice original, 756D WF 3 pt. Farmall 806 gas WF real sharp INT. 656 utility D, nice original Farmall 450 w/2000 loader.

Int 574 utility D, w/new tires, Int. 504 utility D w/2000 loader

Farmall 460 gas TA, FH for $1975.00.

Used NI 323 1 row picker $2150 Used Int. 1190 haybine for $3250

AC 7010 C.A., P.S., 20:8x38 tires, full wts., light package looks like new.

Oliver 880, W.F. fully equip., Farmall 656 gas; JD 730 D, nice. JD 620 w/PS.

Rakes: new NH 256 for $2100.

New Holland 1012 and 1010 Bale Wagon.

JD 3020 Tri D. JD 4020D W.F., D.L. and 2 values w/cab. JD 4020D W.F. P.S., JD 6030 C.A. real nice, 1970 JD 3020 D, SC, WF, w/cab; JD 3010 Tri Gas, Farmalls 1586 4 post R.G. w/duals, 1086 w/cab, 1206 extra nice.

Int. 606 w/loader, MF 175D w/R.G.

JD 4020 D., W.F., P.S. and diff lock) 1972 JD 3020 D. WF, (SOLD); (Harvesters) NH 890 w/3 row 30" C.H. 2 row snapperhead and pickup head. JD 243 snapper head. Forage Wagons.

JD 216 - tandem axle. NI 325 picker w/12 roll bed, JD 237 mtd. picker and sheller.

(new) NI 323 cornpickers at old price.

New NI 324 2 row picker.

Used Fahr rotary 7 ft. haybine. Glenco SS9 Soil Saver, JD 210 14 ft. Disc, Hesston #30 Stakhand.

CHISEL PLOWS- new Ford 13-ft. 3 pt. w/gauge whls.

HAYBINES- New NI 272 cut/ditioner- $3800; NI 279 cut/ditioner used 1 yr. Used JD 1209 $2475; Int. 1190, New & used Grim 4 star hay tedders.

Used Grimm Hay tedders.

Used NI 279 Cutditioner, 2 NI 272 cutditioner, NEW NI 406 rake w/front whl.; JD 660 rake w/front whl, like new.

Grinder mixers, NH 357 for $3850, JD 700 Grinder Mixer, like new. (Just Traded) N.I. 702 uni w/729A sheller and 743 3 row Q.A. corn head, real nice and field ready.

New AC 7010 w/20 sp. trans. JD 4020 S.C. w/cab. MF 1135 w/cab. Farmall 350 w/P.S. and F.H.

Balers (new), NH 315 w/#75 thrower for $9300 reduced to $8975. NH 280 w/hydraulic tension and thrower. New Idea #456 round baler; NH 320 w/thrower.

TRACTORS & EQUIP. Farmall 1566 w/cab and duals, Used White 2-105 w/roll guard.

Case 1410D, nice.

Cub 185 Loboy Cadet 1650, 682, 129, 125; JD 317, 314, 210, 112.

New John Deeres 4240 cab & air Q.R. for $30,000; New JD 4440 C.A. QR w/radial 20x38 tires for $36,250.00. Local trade ins - Used JD 4230 CA QR, 4020 side console; Equipment - JD 1209 Haybine, JD 336 Baler w/thrower. JD 500 Round Baler.

Corn Heads JD 643, 444, 244, 243, 843, 343, 443, 313 for 45C, 235, Massey Ferguson 1163, 1144 like new, 63, 43, 44, 24, 222, 422, Gleaner I438, F430, F438 K238, F335, F330, M430, K330, Int 863, 864, 844, 744, 843, 227, NI 4 row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, NH 4 row 38" C.H New JD 444 $7350 reduced to $6875. JD 443 used 2 seasons; Gleaner A430 used 4 years. 60 corn heads on lot. NI 738 and 728 4 row 30"

New Int. 810 13 ft. grain head.

Used Gleaner L2 grain heads.

2 used MF 63C Corn Heads to pick from. 4 used #810 Int. 13 to 16 ft. reg. and floating heads.

(New Farmalls) 5088 C.A. for $34,850 New 3688 fully eq., $30,800.00. Reduced to $30,000.

(Used Farmalls) 966 original, 1206 real nice, 300, MH, Used JD 4230 w/R.G. We have 4 JD 4020 side console diesels. 1970 JD 5020; Ford TW20 w/cab w/220 hrs., damaged. 1972 JD 4020D, WF.

TRACTORS - Farmall 544 gas W.F., Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.

JD 4020 W.F. power shift, good tires ; 1971 JD 4020 original; Case 1070 P.S. $6975; JD 4010 Tri D, Farmall 766, New Holland 770 w/2 row 30" C.H. NH 890 Harvester w/2 heads, Deutz 9006.

Long 910 D.

CULTIVATORS - New Case 3 pt. 8 row Hydro fold. JD 4 row & JD 6 row rear.

CORN PICKERS - New NI 325 w/12 roll for $11,800, used N.I. 325 w/12 roll bed current model. Used (2) N.I. 324 w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/ grinder. NI 319 mtd. picker, JD 300 w/2 or 3 row C.H. JD 300 w/243 C.H. NI 311 - 2 row.

NI 727 Uni Husking beds.

JD 4020 w/58 Loader, JD 4320 w/cab.

686 w/German D., 560 D w/F.H., nice.

Farmall - 1568 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 856 w/38" tires, very nice; Farmall 460 Gas w/F.H., Farmall 756 gas, Hi Crop- 656 diesel, 756.

HARVESTERS. Used JD 3800 w/2 row C.H. and pickup for $2850, N.H. 890 w/3 row 30"; NH 890 w/2 row; NH 770 w/2 row 30" C.H. Int. 720 - 2 row. Fox 2 row snapper head. NH 770 1 row snapper C.H.N.H. 890-2 new snapper head, new N.H. 890 new corn head used N.H. 770-H824 2 new corn head and pickup head, Fox 2 row 30" Silage Head, JD 1 row snapper head for 38 & 3800. JD 4 row Stalker head, like new.

New JD 5½' Used JD 5½' & 7' Pickup Heads.

Gehl recutter blower.

ALLIS CHALMERS AC 180D w/cab and air, 7040 w/cab, power shift like new, low hrs. 220 original, 210 w/new 20.8x38 tires, AC H3 Crawler w/blade and winch.

2 JD 4 wheel drives 8630 fully eq. w/duals; & 7520 fully eq w/duals.

FARMALLS· Used 686 w/cab & air, 1206 w/cab, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall 826 hydro D nice.

New White 2-65 w/front whl. drive and new 1730 loader, list $29,000.

Dealers net $23,700. Our special price $21,850.

New White 2-105 w/cab $22,850.

MASSEY FERGUSON - 2745 w/cab, 24 spd., like new; MF 175 D; 1085 w/cab, original for $8450. MF 85D w/new tires, MF 1155 w/C.A. M.P., MF 1130 for $6250. MF 1080D, MF 90D; 1155 C.A. MP-8950; Oliver 1950T w/cab and Oliver 1950T w/tank fenders w/over and under choice, $6950.00, 2050, 1855, 1850 w/cab, 1855 w/duals, MM Vista 1000 w/cab and loader.

New NI 324 picker w/super sheller list $15,390. Special $8,475. Farmall 706 w/310 German D. w/cab, JD 2520D, MF 1135 w/R.G. and dual wheels, Int. 656 utility Hydro D. NH 890 2 row snapper head. JD narrow 30" 2 row head, like new.

NI 325 pickup w/12 roll bed used 4 yrs.

Ford 4600 D.

Fords-5000D, 850, 1952-8N, 860; 8N w/Loader.

N.I. 702 Uni tractors w/ combines & 729A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads.

IND. EQUIPMENT - Int. 500E crawler loader w/270 hrs., like new. Cat 933 crawler loader.

MF 200 Crawler w/6 way hydraulic blade; JD 350 Crawler loader.

Cat, Road Grader.

AC 600-21 ft. forklift.

MF 6000 lb. forklift.

Howard 3 pt. backhoe.

Bobcat 720 Hydro Skid Loader.

Mechanics Specials. JD 3010 gas.

Case 1212 D.

Case 1410. Farmall 706 gas needs trans work, $2900.

AC D19D, WF w/3 pt., needs motor work, (SOLD).

Planters - New JD 6 row Conserv. no-til w/dry insect and monitor for $12,800. Used JD 7000 4 row planter; JD 7000 6 row plate w/fert. inst., Int. 56 & 455 4 row planters; JD 1460 6 row no-til liquid plateless Inst. - $1975.

Int. #400-6 row liquid fert., Inst. and monitor, nice.

AC 8 row 20' 3 pt. no-til, (SOLD).

AC 7 row no til, (SOLD); Oliver 6 row no til w/dry fert., inst., fert. fill and population monitor.

Cabs for JD and Int. 66 series Tractors.

3 new full vision cabs for M.F. 165 thru 1135.

Glenco 12 ft. 9" Soil Finisher like new.

Brady 14 ft. pull chisel plow w/Buster bar.

Athens and Bush Hog 12 ft. and chisel plows.

Pick-up heads for NH 770, 717, Miller 12 ft. offset disk, JD Disks #210 - 12x14 ft. New Westfield grain augers 41 ft. 8" KD=$1395, 56 ft. 8" KD=1995. NI 214 nice, JD 54 spreader.

We have new 4, 6, 8 ton running gears at low, low prices

Used Danuser Post Hole Diggers.

New JD front dozer blade for 4520 thru 4620, 4430 and 4640.

N.H. 38 flail chopper, like new.

NH 36 Flail Chopper.

NI 319 mtd picker w/12 roll. JD 6 & 8 row front cult. New 15 ft. rotary cutter, Oliver 3x rollover.

PLOWS - JD 5x hyd., JD 2500 - 6x18 sp. reset, Int. #700 6x16 sp. reset w/colters etc. for $2650. Ford 5X sp. reset, Oliver 4x16 rollover, JD 3x16 rollover, AC 6X reset plow, MF 4x16 3 pt. plow; New Ferg. 10 ft. chisel plow w/gauge whls., Used Chisel Plows Brady 12 ft. & 10 ft. chisel plow, New IH 3 pt. field cult. 12', Used 3 pt. Bush Hog 7 shank V-ripper; Bestland rock picker. New Johnson loader.

Used Int. #315 13' roller harrow.

Used Brillion 13' roller harrow; JD 13' R.H.; JD $975.00; JD 3 pt. - 1&3; Shank Sub Soilers.

JD 7' rotary cutter, (SOLD); John Blue Sprayer, (SOLD); Int. 475 18' Hydraulic Fold Disk.

Howard 13 ft. rotovator.

New 12 ft. 3 pt. field cultivator.

New Landoll 24 ft hydraulic fold chisel plow.

Used Landoll 20 ft. Soil Master.

2 new DMI 12 ft. pull chisel plows, JD and Oliver 4, 6 & 8 row front mtd. cult.

Straw choppers for combines; JD 4400, 7700, 6600, MF 510, 550.

Ford 12 ft. Heavy Disk. Kawanee 22 ft. Wing Disk.

Int. 5100 - 21x7 DD grain drill, like new.

Used JD 8300, 21x7 DD w/gauge whls. & press whls.

Used JD 8300 21x7 D.D w/grass seed. Int. 510 21x7 D.D w/press wheels 2-sets of press wheels for JD drills.

MF 43 22D w/grass seed.

New Fast Hitch 3 pt. adaptors for Farmalls.

Loaders, new Int. 2355; Used JD 260, 48; JD 58, 46A. Int. also set of forks, like new, Int. 2000 loader, 1 Int. 2001 loader, new Great Bend loader, 3 pt. hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 2 Used 30.5 x 32 tires.

TRUCKS - 1979 Chev C65 24 ft. rollback, like new.

Int. Scout 4 whl. drive, Delta 44 ft. combine trailer, 1980 Silverado Chevy diesel w/every option, looks like new.

(New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 6 & 8 & 10 ton running gears. Pick up heads for JD 3960, 3800, 38, Int. 550, 650, 350, Fox pickup head, (20) sets of dual wheels all sizes.

JD front & rear weights, IH front and rear weights.

For your needs call:

STITZEL FARM EQ. INC.

East Windsor St.
& Krick Lane
Hamburg, Pa. 19526
Phone Bus. 215-562-8377
home 215-562-7451

FARM EQUIPMENT

FARM EQUIPMENT

JD 630 Gas, WF, 3 Pt.
Ford 7700
JD 4020 Side Console
JD 3010 Real Nice
Ford 5000 Diesel, 8 Speed

USED EQUIPMENT

Brillion 10' Seeder
IH 710 4 Bt. Auto Reset Plow
JD 495 A Planter
JD 416 350 Plow, Auto Reset
NH 352 Grinder Mixer
NH 354 Grinder Mixer

[illegible] & SON TRACTOR
Call Here or Not
RD 5, TOWANDA, PA
(717) 265-4044
NO SUNDAY CALLS

Dismantling Combines for parts over 285 all makes and models. Call before you come.

IH 64, 76, 80, 82, 125, 127, 141, 101, 151, 91, 93, 203, 303, 403, 503, 205 & 815. JD 12 A, 25, 30, 40, 45, 55, 95, 105 AC 60, 66, Gleaner A, C, CII, E or L MF Clipper, 26, 27, 70, 80, 90, 72, 82, 92, 35, 300, 410 & 510. Oliver 33, 35, 40, 430, 525 & 545 Ford SP & pull. 701 NI Uni tractor, NI Uni - 705D (ear corn unit), combine & shellers, Case 800 & 660, 600.

COMBINES

AC Gleaner G w/4 row corn, $16,950
AC Gleaner C 4 row corn & 12' grain, $3950
AC 66 Pull type PTO, nice
JD 45 SOLD grain
IH 101, 10' grain
IH 82 pull type, auger feed
MF 300 12' grain & 3 row 30' corn head
IH 503 Diesel, cab and grain & corn head
Massey 70 w/10' grain
IH 203 grain head
JD 7700 Diesel, hydro, rotary screen SOLD w/grain head
E Gleaner, cab & 10' head
C2 Gleaner cab, grain & corn heads, motor overhauled, all new bearings on combine front to back end last fall.
IH 915 D, cab, grain & corn heads
IH 403, cab & 13' head
JD 4400, cab & head
C2 Gleaner w/2 heads
NH 985 cab with quick-tach grain head
MF 300, cab, 13' grain head, 2 row corn head, $3500
JD 6600 cab & grain head
Massey 72 w/10' grain head

TRACTORS

Massey SOLD $775
400 Gas Tractor
Farmall SOLD per C, $11[illegible]

TRACTORS

Farmall H w/cultivator
JD 3010 gas, $2875
IH 1256 3 pt., wide front, $6500
2 Farmall H w/hyd $775 each
BN Farmall w/mower, $885
MF 2745 cab duals, 1200 hrs , $15,500
White 2-105 roll guard, $9500
Case 1370, 165 HP, as is, $6950
IH C w/cultivator
AC C w/side mounted mowers & cultivators w/hydraulic

MISC.

JD roll-a-bar rake
NI 9' haybine, nice
IH Cub spreader, $300
Oliver 4 [illegible] trailer plow SOLD
1 & 2 row corn pickers
All steel farm dump trailer holds about 500 Du-of corn
NI 213 spreader w/new drag chain & sides, $1275
Hawk Bilt tank spreader, $575
Corn & grain heads, IH 12' off 815 combine
IH 733 3 row, 30" off of 815
MF 3 row 30" for a 300 or 410
AC 720 harvester, 2 row, pick-up head
MF 13' grain for 300
AC 3 row 30" for E&K
JD #8 mower
IH 7' mower
JD 35 1 row head

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts

JD 2010, 70D, 4010, IH 560 D, IH 660 D, IH F 14, 1256, 340, F30, F-20 A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60, 3010 D. AC WD, WC, D17. Oliver 70 & 77, 88, 60 Ford 8N, Ford 6000D. Case 300, SC & V.A.C., DC. AC 180, AC 190, AC C, CA, MF 1155, Massey 44D, 333, 30, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler. JD 70 G, Oliver crawler, 2 Oliver crawler loaders.

Dismantling 50 pickers for parts
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Phone: 717-362-9574

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- Vermeer 605H Baler
- Vermeer HL12 Bale Mover
- Vermeer 107 No Til Grain Drill
- (5) Scranton Round Bale Feeders
- (1) Hedlund Martin 1263 Scavenger II Spreader
- (1) Vicon 230 Gal. 3 pt. Hitch Sprayer with 35 ft. Booms
- (1) Vicon 108 Gal. 3 pt. Hitch Sprayer with 21 ft Booms
- (1) Vicon 600 lb spreader
- (3) Vicon 950 lb. spreaders
- (1) Vicon 1900 lb. Fert. Spreader
- (1) Vicon 15' Power Harrow
- (1) Vicon RP 1200 Round Baler
- (2) Vicon RP 1210 Round Baler
- (1) Vicon SP450 Square Baler w/Thrower
- (1) Vicon 460 Square Baler w/Thrower
- (2) Vicon 8' Mower Conditioners
- (1) Vicon 11' Mower Conditioners
- (1) Vicon 5½' Mower
- Haybuster 256 Bale Buster (Demo)

USED EQUIPMENT

- Haybuster 1068 Semi-Mounted No-Till Drill
- Vicon 10' Power Harrow
- 650 lb. New Idea Fertilizer Spreader, 3 pt
- New Idea Manure Spreader w/Hyd. End Gate

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NEW PHONE NUMBER: 215-944-0402

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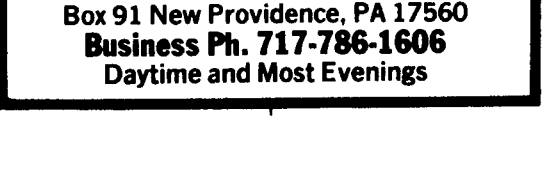

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JD 8630, cab and air, factory cast duals, 3 outlets, 3 pt. hitch & PTO.
JD 4030 w/sound gard, cab & air, 18.4x38 rubber, fully equipped, nice
JD 4000 Diesel, wide front, year round cab, fully equipped
JD 4430 w/sound gard, cab & air, fully equipped
JD 4430 sound gard, cab & air, very nice
JD 730 Diesel, w/fenders, nice
JD 730 Diesel w/3 pt. and fenders
JD 730 gas w/wide front and 3 pt.
JD 1530 Diesel
JD 4320 w/factory cab, wide front, 3 pt.
Quick attach loader for JD utility tractors
Oliver 1950 T w/over & under
IH 1086, cab, air, fully equipped, 79 model w/low hours.
IH 1456 w/factory cab, dual PTO's and hydraulics, sharp
IH 1256 w/complete engine overhaul
IH 1066 w/factory red cab & air, new TA & clutch, dual PTO & hydraulics
IH 806 WF, 3 pt., new paint
IH 1066, no cal SOLD equipped, one owner
IH 1066 w/cab and air, good solid tractor
IH 656 Diesel, WF, 3 pt.
AC 5050 diesel, 79 model, 1 owner
MF 1080 w/multipower, dual remotes, 16.9x38 rubber
MF 285 Diesel, fully equipped - weights
NI 708 w/Perkins SOLD, hydro., AC, low hrs., very nice
NI 705 Diesel, reconditioned, late model
NI 703 in line 6 cylinder gas w/heavy front end rear axle
NI 717 combine
NI 729A Sheller
NI 737 husker, one like new
NI 727 husker, very nice
NI 738 4 row narrow corn head
NI 730 4 row wide corn head
NI 735 3 row narrow corn head
NI 725 3 row narrow corn head
NI 767 Super chc SOLD sold new in '81, hay pickup, very nice
Gehl 3000 skid steer loader
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Factory IH cab for 66 series tractors
Cab to fit JD 3010 through 4020
Factory cab for 701 and 702 Uni
Dual wheels - 34's and 38's

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3"x300 ft.	.69¢ a ft.
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While Supplies Last
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USED TRACTORS

AC D17
AC D14
JD 4040
JD 2640 Like New
JD 3020
JD 4040 w/Cab
AC D15
IH 1566 w/Cab
Ford 2600
JD 4640

USED COMBINES

AC M2 4 Row Head 15' Platform
AC F w/13' Platform
AC K2 2 Row Corn Head 10' Platform
AC N5 Rotary
AC N6 Rotary

NEW & USED IMPLEMENTS

NH 513 Spreader
2 Used Manure Spreaders
10 Used Square & Round Balers
4 Used Haybines
3 Used Plows

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1 J.D. 4400D Combine Complete Rebuilt Cab H & A 18.4-26 tires Auto-Matic header ht. control
1 J.D. 4400D Combine Cab H & A Long Feeder House, Big Tires, Header Ht. Control
1 J.D. 4400D Combine New 1978 900 Hrs. Cab H&A 18.4-26 tires, Header Ht. Control, Straw Chopper
1 95 Corn Sp. $4500.00 Cab, 3RN Corn Head, 4 RW Corn Head, 13' Platform
1 J.D. 55 Combine Earley Model $3500.00 Very Good Cond. Collector Item
1 J.D. 40 Combine 10' Platform $1000.00

Used Tractors

1 4230D J.D. 4 Post Sharp
1 2640D Very Clean
1 J.D. 60
2 J.D. A
1 J.D. B
Farmall H
Farmall M wide front
IH 460D
Ford 8N w/Loader
IH Cub w/5' Mower-Blade
IH Cub 185 Lo-Boy w/Mower

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J.D. 1209 M-C
NH 469 Haybine Bad Rolles $600.00
NH 66 Baler
NH 68 Baler w/Thrower
New Idea Rake like new
J.D. 35 Harvester
Gehl Harvester w/Corn Head
J.D. 110 12' Disc
Bush Hog 14' Disc
Bush Hog 18' Wing Fold Disc Rebuilt

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8350 21 Disc Drill
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4250 4WD Tractor

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768 3RC Head $59,000
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Hesston 1091
9' Windrower
$7,200

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White 271 24' Disc
Landoll Soil Master 7 tooth
Bush Hog 13' hd offset disc 26 blades
Bush Hog 1438 13½' Rock Flex Disc
Hesston 12' Rock Flex Disc
White 5100 notill 6 row planter
White 5100 notill 8 row planter $12,500
Befco 50" 3 pt. hitch tiller $975
Brady 1440 12' Shredder
Bush Hog 15' & 20' Wing Mowers

USED TRACTORS

White 2-155 4 Whl. Drive 1982 500 hrs.
Oliver 77
IH 340
IH Super C
IH 154 Cub Lo Boy
Hough 25B Loader w/52" bucket
Case 430D
AC B
AC D17

USED HARVESTERS

MF 750 Combine 6R & 131 Grain Head
702 Uni
Fox 3310
Fox 2310 2 Row N & Pickup
Fox 900 1 Row
Fox 299 80" Flail Head
Fox Max 1 4 Whl., New Low Profile Head
NI 323 Picker, used 40 acres

USED EQUIPMENT

Hesston 4800 Big Square Baler $29,000
JD 220 18' Rock Flex Wing Disc
JD 15A Flail Chopper
IH #10 Drill
Glenco SS9 Soil Saver
AC 8 Row No-Till 20" Planter
Hesston 10, 30A Stacker
Kewanee 20' Field Cultivator
JD 216 Wagon, 3 btr. & roof.
Hesston PT10 Windrower
Gehl 910 Fg. Wagon, 3 btr. & roof
JD 2280 diesel 14' windrower
16' Bale Thrower Wagon
111 JD 12' Disc Harrow
EZ Trail Bin Wagon
NI 214 Spreader
NI 212 Spreader
Hesston 3-Row Narrow Head
Fox 3-Row Belt Head
Fox 2-Row & Chain Head

STOLTZFUS FARM SERVICE
Cochranville, Pa.
215-593-2407

USED EQUIPMENT

IH 656 Tractor — 4 Bt. 3 Pt. Hitch Plow
Disk Harrows — 4 Bt. 2 Pt. Hitch Plow
Grain Drills — Used Combines
IH Cub Tractor
M&W No Till Drill 14 Ft.

Norman Bright Inc.
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New Egypt, N.J.
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NEW TRACTORS

JD 2150 MFW-TSS w/Hi-Lo
JD 2350 Dsl TSS w/hi-lo
JD 2440 Dsl.
JD 2750 Dsl. TSS w/hi-lo
JD 4450 SGB & PS — Call For Prices
JD 4650 SGB and PS — Call For Prices

NEW MACHINERY

JD 680 Spreader
JD 445 Spreaders
JD 315 13' Disc
JD 660 Rakes w/rubber teeth
JD 3940 Fg Harvester
JD 712 Mulch Tiller
JD 2600 5Bx18" Plow
JD 1250 Plow 4Bx16" — $2450.95
JD 2700 6Bx18" Plow
JD 16x10 FF Drill — $4000
JD 327 Baler w/ejector
JD 27 Flail Shredder
JD 965, 1065, 1075 & 1275 Running Gears

USED MACHINERY

1-IHC 830 Fg. Harv. 1981 model, PU & 2 R.C. H — $11,000
1981 White Combine 7300 w/704N 4 Row Corn Head — $24,500
JD A Tractor — $1050
JD B Tractor — $1200
JD 50 Tractor w/Loader — $2200
JD 435 W Corn Head — $2500

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JD Agricultural Dealer and CP

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1-Used IH 400 Planter, $1495
1-Used 3960 Harvester
1-Used 30" 3 Row Corn Head
1-Used IH 56 4-row Planter
1-Used 1240 Plate Planter, $795
1-Used 1240 Plateless Planter, $2000
1-JD 4230D Tractor w/4 Post Roll Guard
1-JD 2240D Tractor w/Enclosure
1-IHC "H" Tractor
1-IHC W6 Tractor
1-IH Cub Tractor w/cultivator & plow
1-Ford 8N Tractor
1-Ford 1100 D Tractor w/4 Wheel Drive
1-JD 4400 D Combine w/Grain Platform
1-JD 443 4 Row Corn Head
1-Used JD 800 Self Propelled Windrower
1-Used JD 30 Kicker
1-Used JD 14T Baler
1-Used JD 64 Blower
1-Used JD 65 Blower
1-Used JD 300 Elevator
1-Used JD 38 Harvester
1-Used JD 35 Harvester
1-Used JD 3 Row Corn Head
1-Used Hensen Cab Off 2630D Tractor
1-Used JD 2 Row 30" Corn Head
1-Used JD 1 Row Corn Head
1-Used JD 344 Corn Head for Picker
1-Used Grove 3 pt. Blade
1-Used JD 37 Loader
1-Used Farm Hand F20 Loader for 2010 Tractor
1-Used JD F125 3 & 4 Bottom Plows
1-Used JD F145 5' Bottom Plow
1-Used Lamco Forage Wagon w/Running Gear
1-Used Brillion Packer
1-Used JD 3 Section Spring Harrow
1-Used Pittsburg Disk Harrow
1-Used Athens Disk Harrow
1-Used Frich Disk Harrow
1-Used FBB Drill w/Press Wheel

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Buck, PA. 17566
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TRACTORS
JD 950 MFWD
JD 1050
JD 2350
JD 2750
JD 4250 SG, PS — SOLD
JD 4450 SG, PS, MFWD

TILLAGE EQUIPMENT
JD 235 19'11" Disc
JD 115 10' Disc
JD 215 11'5" & 12'10" Disc
JD 1610 Chisel Plow

HAY TOOLS
JD 1219 Mower Conditioner
NH 28 Blower
NH 489 Haybine
NH 38 Crop Chopper
NH 451 Mower
NH 256 & 258 Rakes
NH 782 Harvester

OTHER EQUIPMENT
JD 1065, 1075 Wagons
Century 500 Gal. Sprayer
DeLaval Manure Pump
Fahr KH500AS Tedder
Lamco 18' Bale Body
NH 355 Grinder-Mixer

COMBINES & HEADS
JD 215 Flex Platform
JD 643 Corn Head
JD 6620 Combine
JD 213 Flex Platform
JD 444 C. Head
JD 4420 Combine

PLANTING EQUIP.
JD 7000 Cons. Pltrs. 4R & 6RN
JD 8200 18x7, 21x7 Plain Drills

USED EQUIPMENT
Oliver 1800 Dsl. Tractor
JD 1240 Planter w/Dry Fert.
Pittsburg 4 Bottom Plow
Pittsburg 12' Disk Harrow
JD 8300 Soybean Drill 16x10
IH 1440 Combine w/13' Platform & 4RW Corn Head
JD 4020 Tractor
NH 791 Manure Spreader
AC K2 Combine
JD 643 Corn Head
JD 244 Corn Head
Fox 3000 Fg. Harv.
Lely Roterra 13'6"
JD 6 Row Max Emerge Planters - 1 w/Liquid Fertilizer & 1 w/Dry Fertilizer

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★ **N. BALERS:** JD 337 & 347; NH 311, $8,500; NH 316; U. NH 283, $3,400; U. NH 271 w/Thrower, $1995; U. NH 68 PTO w/No. Thrower.
★ **COMBINES:** New JD 4420 w/Attachments; 2 Used 6620 Sidehills; 15' & 16' Tables; 4 & 6 Row Cornheads.
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MISC. EQUIPMENT IN STOCK!

N. NH 353 Grinder Mixer - $6,200 w/2 screens
N. NH 782 Harv. w/Windrow & 2 Row 30" Cornhead - $14,500.
N. NH 30 Blower, $3,000
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N. Vicon & Lely Spreaders and Rakes
N. NH & Little Giant Bale Elevators
N. Pequea & Kuhn Hay Tedders
N. Hardi Air & Boom Sprayers
U. NH 425 Skid Steer Loader w/2 Buckets, $9,500
N. JD, Wheelhorse, Dixon, Grasshopper and full line of N. & U. Lawn & Garden Equipment, 1 U. Kuhn 3 Pt. Tedder Rake Combination.

BUY or RENT-INQUIRE NOW!
• 48 HP Tractor with rotary cutter or other tools!

U. Ford 850, 1431 hrs. w/7' Side Mount Sickle Bar Mower & 7' Snow Plow - $3,800.
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U. JD 2020 Utility w/Wings, New Tires, Nice - $5,000.
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NEW CASE 2090 TRACTORS

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With 8.8% Financing or Waiver til Jan. 1, 1985!
Price Until June 29th Base Unit **$23,900**
We Would Like To Have Your Trade In

AVAILABLE NEW 1450 GEHL ROUND BALER
Base Unit
$8,600

NEW GEHL 960 FORAGE BOX
16' Long w/Roof & Third Beater on 10 Ton Running Gear
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30% Down w/Waiver Til 12/1/84

NEW HESSTON 5580 ROUND BALER
One Only
1,000-1,500 Lb. Bales
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NEW GEHL 1580 FORAGE BLOWER
1,000 RPM Shaft
Reduced Cash Price **$3,200**

NEW 1194
43 H.P., 14.9x28 Rear Tires, One Only
Reduced Price **$10,600**

2 VICON 321 ROTARY DISC WINDROWERS
10'7" Cut
Cash Price **$11,900**

1979 OMC SWING TONGUE WINDROWER
12' Head
Cash Price **$3,000**

NEW VICON 281 ROTARY DISC WINDROWER
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NEW 2094
Equipped With Cab, Air & Heat, Computerized Dash, 20.8x38 Rear Tires
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CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICE

John Deere parts perform

Only John Deere parts fit and wear like the original equipment

We stock a full line of top quality John Deere replacement parts We have what you need on hand for the busy season ahead See us soon

SAVE 15% NOW ON JOHN DEERE SWEEPS AND SHOVELS

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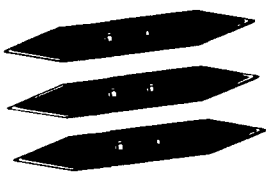

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SPECIAL $2.10	SPECIAL $1.85	SPECIAL $2.50

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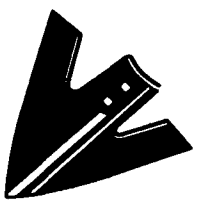


Excellent for seed bed preparation, incorporating chemicals. Self-sharpening edges. Built to fit right on your John Deere cultivator.

USED EQUIPMENT SAVINGS
Our Good Prices Become Great Deals With Interest - Free Financing

Buy a reliable used tractor or combine from us and you'll get a fair price . . . and a special bonus.

Used Tractors. Buy any make or model used agricultural tractor from our selection and put it to work right away . . . but pay no interest charges until July 1 if you finance with John Deere.* You get the benefit of added power and productivity interest-free from now until July.

Used Combines. Buy any make or model used combine . . . with or without header . . . now when selection is best. If you finance with John Deere, no interest will be charged until January 1, 1985.*

That means you get this year's harvest use of the combine interest free!

True value. Remember, price is actually secondary. Used machinery has to be good machinery or it won't be of much use to you. Many of our tractors and combines have been carefully inspected and thoroughly reconditioned. It's the real reason our good prices are such good deals . . . and special financing makes them great deals. Stop by the store and check out our fine selection of reliable and productive used equipment.

*Availability of John Deere financing subject to approval of Credit.

USED SPRAYERS

JD 520 Pull Type w/30' Boom
JD 535 Pull Type w/30' Boom

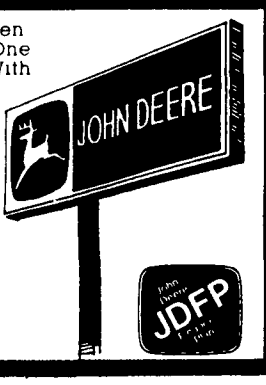
Owatonna 1700 Mustang Skid Loader

USED HAY TOOLS

JD 430 Round Baler (like new)
NH 567 Baler w/Thrower - Priced at $595
MF #3 Baler - Priced at $175
Hesston PT10 Mow./Cond. - Priced at $850

Equipment and Financing all at one place

Consider the convenience One stop One place to deal With John Deere Finance Plans its strictly between us We're here to help work out details on what's right for you See us



USED JOHN DEERE 7720 DSL COMBINE

4 yrs old 1450 hrs cab w/air heat AM FM radio auto HHC low shaft mon straw spd w/215 flex plat 643 corn head excellent condition Finance JDFP No Finance Charges Until Jan 1 1985

MF 82 SELF-PROPELLED

10 ft. Platform

2 RC Head

Our Selection of Used Tractors

JOHN DEERE 4640 TRACTOR

w/SGB Air/Htr., Dual Outlets Quik-Coupler, AM-FM Radio 24.5-32 10 P Rear Tires
Priced at $36,900

JOHN DEERE 2940 TRACTOR

80 HP, MFWD, Cab, w/LEON H.D. Loader

Priced at $36,000

JOHN DEERE 1520 GAS TRACTOR

Live PTO

Priced at $5,300

JOHN DEERE 1530 DSL TRACTOR

Live PTO

Priced at $7,500

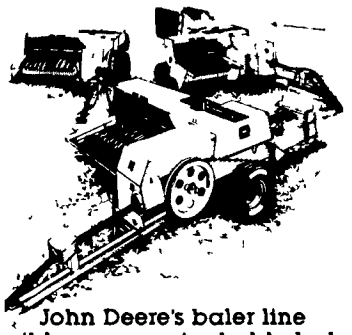
JD 4640 Dsl. Quad, S.G. Body A/H w/Radio, Dual Outlets- Quik Coupler
JD 2940 MFWD, Cab w/Leon HD Loader
JD 2940 Dsl, TSS Hi-Lo Trans.
JD 2640 w/Roll Guard and Enclosure
JD 2440 Dsl.
JD 4430 Q/R w/4 Post Roll Gard
JD 1530 Dsl.
JD 1520 Gas
JD 3010 Dsl, Row Crop
JD "G"
MF 65 Dsl, Row crop
Ford 600
DEUTZ 6807A Dsl., Cab, MFWD, AM-FM, tape
IHC Farmall 504 Gas, WFE

JOHN DEERE 4430 TRACTOR

Quad Range - 4 Post Rollguard, 20.8-34

Priced at $17,500

SQUARER BALES



John Deere's baler line builds squarer, stackable bales

To build solid square-cornered bales consistently you need consistent control of the hay And John Deere's 327 337 and 347 Balers give that control from the moment hay touches the pickup

A wide pickup with extra teeth lets these balers take in all the hay in today's wider windrows There's even a compressor to keep the hay under control

A floating tapered auger and adjustable feeder forks take over to keep material flowing evenly The gear driven knotter puts the finishing touch on these solid stackable bales from John Deere

NEW JOHN DEERE HAY TOOLS IN STOCK

350 - Mower 3 pt
327 - Baler w/30 Ejector
337 - Baler w/30 Ejector
347 - Baler w/30 Ejector
430 - Round Baler
1219 - Mow/Conditioner
1327 Mow/Conditioner
660 - Side Hay Rake

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4 row JD planter, field ready, $375
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New Idea hay rake, $100
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8' spring harrow, $35
Bear Cat mix mill, $850
Hay elevator, $85
Cub fast hitch flail mower, $85
Flat bed hay wagon, $125
3 pt. Ford plow, $250
3 pt. JD corn planter, $325
6 row JD 1250 plateless planter, $750
IH #27 baler, as is, $165
IH 13 double disc grain drill, $350

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FARM EQUIPMENT

FARM EQUIPMENT

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JD 8430 PTO, 3 pt.
JD 4320 w/Cab, excellent condition
Ford 3000 Gas, PS

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JD 3800 For. harvester w/2 RW Corn Head
JD 2640 D Tractor

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JD 7000 6 RN, No-Til, Dry Fert , Auger Fill

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JD 444 Corn Head

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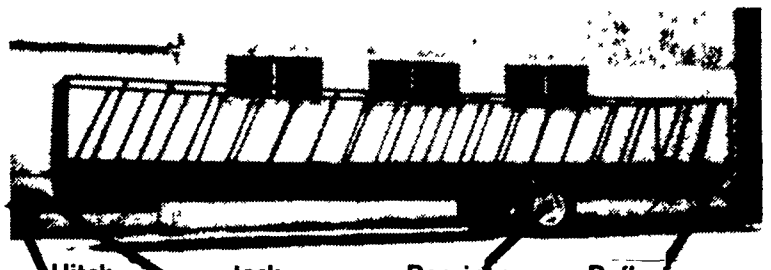

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New idea 406 Rake w/Caster Wheel	$3,400	$2,650
New Idea 484 Big Row Baler 4' to 5' Bales	$11,750	$10,500
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New Idea Model 522 Cycle Bar 3 Pt. Hitch	$2,835	$2,100

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AC 6 Row Corn Planter
AC 6 Row Corn Planter
New Idea 701 Power Unit w/710 Combine & Grain Head w/Hart Carter Floating Bar

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- 5163 IH 1086 w/cab
- 5278 IH 826
- 5415 IH 544G
- 5306 J.D. 4430 w/cab
- 2845 JD 4430 w/cab, duals
- 2755 MF 1805 4WD duals
- 5410 MF 135
- 1637 Deutz DX160A 4WD w/duals
- 5170 NH 775 skid steer loader
- 3196 Steiger ST 325

COMBINES

- 3047 JD 7720 w/4WD, chopper
- 5120 JD 7720 w/4WD, chopper
- 3053 JD 7700 w/chopper
- 3059 JD 7700 w/chopper
- 2622 JD 7700 w/chopper
- 3057 JD 7700 w/chopper
- 3058 JD 7700 w/chopper
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- 3180 IH 1460 w/cornhead, platform
- 2108 IH1480 reconditioned
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- 5340 JD 230 Disk
- 5291 Rhino 20' Flex Wing Mower
- 5277 IH 55 chisel plow
- 5312 IH 295 planter units
- 5313 15' solid wheel packer
- 5314 IH 470 Disk
- 5272 Miller 14' Offset Disk
- 1550 AC 2300 disc hyd. fold 20'
- 3111 Agrotec 200 gal. 30' sprayer
- 1657 Case K23 disc harrow 24'
- 5121 Dunham-Lehr 29' crowfoot packer
- 5117 Ferguson chisel plow 13 shank
- 5419 JD 22 Shank Chisel plow
- 395 Glencoe 14' soil saver
- 2202 IH 470 disc 18'
- 2763 IH 620 tandem full press drill
- 3098 IH 5100 drill w/dual hitch
- 5006 IH 440 baler reconditioned
- 5439 N.H. 68 Baler
- 5438 N.H. 1002 Stack Retriever
- 5026 IH 1190 mower conditioner
- 5152 IH 200 cultivator
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- 5083 JD 230 disc 24'
- 5045 Krause 2143 disc 42'
- 2762 MF 7x18 drill
- 1512 Miller 8500 offset disc 26'
- 1385 Sunflower G-3-20 offset disc
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- 5164 NH 479 Haybine
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IH 896 Diesel w/cab
MF 1135 Diesel w/cab, heat & air

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NH 33 Crop Chopper
2 NH 717 Forage Harvesters
JD Tank Spreader
AC Model F Combine w/13' Grain Head - Coming In
IH 555 Forage Harvesters
Hesston 420 Self Propelled Mower Conditioner
Gehl 300 Forage Harvester
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NH 513 2 Beater w/Hyd. Endgate

MISCELLANEOUS

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Used 444 corn head, very good
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JD 2 btm. mounted plow

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Ford 3 pt. hitch mower
IH 110 forage wagon
NI wheel rake

SPREADERS

(2) 512 NH w/hyd End Gate
NH Tank Spreader, $950

MISCELLANEOUS

JD 227 picker for parts
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NH Pull type fertilizer spreader, $395
Manure Forks, fits skid steer loader

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IH 1066 ..... $13,500
IH 674 Diesel and 2250 Loader $12,500
IH 84 Hydro $13,000
AC D21 ..... $7,500
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JD 327 Baler w/30 Ejector
JD 430 Round Baler
JD 450 Hydra-Push Spreader
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JD 506 Rotary Cutter
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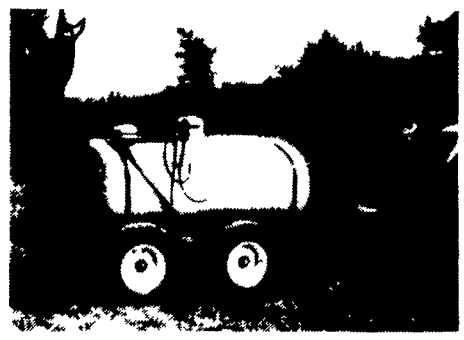

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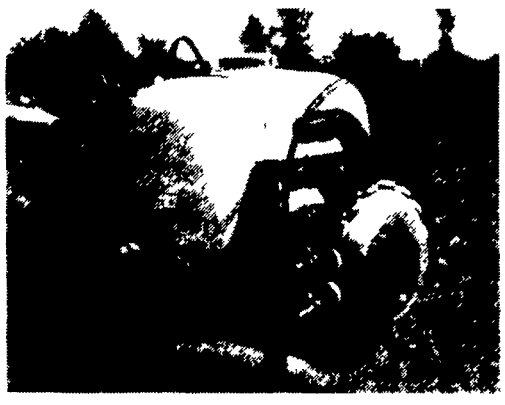
105 U.S. Gallon (400 litre) Tank Capacity $2375.00



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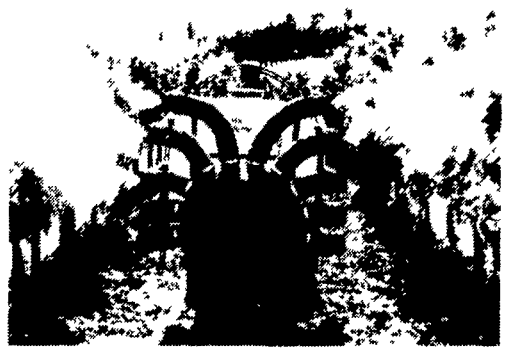

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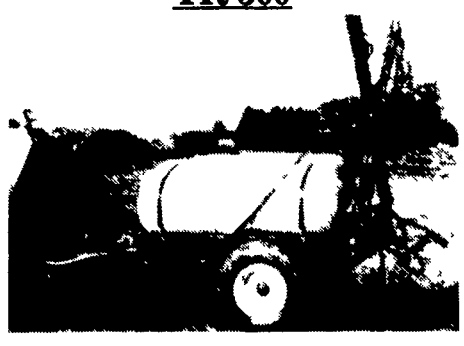

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MF 550 combine w/1143 corn head
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NH 352 Grinder Mixer
Papec Grinder Mixer
NH L35 Skid Loader
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IH 435 Baler w/thrower
IH 1190 mower cond.
IH 1490 mower cond. 12'
IH 781 harv. w/2R head
IH 881 harv. w/2R head
IH 130 16' forage box w/tan. 12T gear
IH 600 forage blower
IH 86 hay rake

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IH 2250 loader w/72" bkt.
IH 1250 grinder mixer
IH 40 3 pt. blade, 8'
IH 540 spreader
IH 550 spreader
IH 560 spreader

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IH 1086 D w/cab . . . $22,500
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IH C. . . . $1250
IH 484 D w/300 hrs $10,500
AC WD45 w/wide front . $1250

Waiver of finance until 9-1-84

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IH 37 baler w/thrower . . $1800
IH 430 baler w/thrower . $2850
NH 33 flail chopper . . . $950
Pequea hay tedder $850
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IH 550 5F 16" plow . . . $1250
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IH 400 4 row 38" $950
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9.9% APR FIXED-RATE FINANCING ON NEW MASSEY TRACTORS!

Now's the time to buy that new Massey tractor you've been needing. We've got Great MF Rates on everything from our economical 200 Series all the way up to the awesome MF 4000 Series 4-wheel drives. Just 9.9% APR* fixed-rate MF financing if you act now.

But wait! You can also choose a waiver of finance charges instead:

October 1, 1984 on most MF tractors.

*Annual Percentage Rate
Financing subject to qualifying down payment and qualifying credit

NEW AND USED TRACTORS IN STOCK

- New MF 205 compact Tractor 20 HP diesel w/3 point hitch and 540 PTO shaft . SALE PRICE - $4,800.00
- New MF 240 34 HP Diesel 8 speed Trans. live PTO. . . . . SALE PRICE - $9,750.00
- New MF 270 55 HP Diesel 8 speed Trans. live PTO and aux. hyd outlets . . SALE PRICE - $13,650.00
- New MF 270 55 HP Diesel M.P. Trans Ind. PTO dual outlet aux. hyd. . . . . SALE PRICE - $16,550.00
- New MF 274 55 HP Diesel 12 speed Trans live PTO 4 wheel drive dual aux. hyd . . . . . SALE PRICE - $16,400.00
- New MF 670 55 HP Diesel 4 wheel drive cab with air and heater Ind. PTO dual hyd. outlets . . . . . SALE PRICE - $24,200.00
- New MF 298 78 HP diesel 12 speed M P. Trans 18 4x34 rear tires aux hyd. and Ind. PTO . . . . . SALE PRICE - $18,500.00
- New MF 2640 90 HP diesel 4 wheel drive, cab with air and heater 16 speed M.P. Trans., aux. hyd. . . . . SALE PRICE - $28,500.00
- New MF 3525 105 HP 2 wheel drive cab with air and heater 16 speed M P. Trans. . . . . SALE PRICE - $31,750.00
- New MF 3545 125 HP 2 wheel drive cab with air and heater, 16 speed M P Trans . . . . . SALE PRICE - $36,400.00
- Used MF 275 1980 model 67 HP 550 hrs , 12 speed M.F Ind PTO dual outlet hyd. . . . . SALE PRICE - $14,200.00
- Used MF 30 B 45 HP Industrial Tractor with loader instant reverse Trans. with or without cab $9,800.00

PLOWS

- New MF 82 4x16 Trip bottom 3 point mounted plow . . . . . SALE PRICE - $2,600.00
- New MF 345 plow 3x16 3 point mounted hyd. reset . . . . . SALE PRICE - $2,450.00
- Used MF 880 plow 6x18 semi mounted on land hitch, good condition. . . . . SALE PRICE - $6,800.00

DISC HARROWS

- New MF 520 10 ft. cut disc 22" plain discs 6 gauge thickness regreaseable bearings 11Lx15 tires and tubes . . . . . SALE PRICE - $4,400.00
- New MF 520 12 ft. cut disc . . . . . SALE PRICE - $3,250.00
- New MF 620 12 ft. cut spring cushion regreasable bearings 22" discs new tires . . . . . SALE PRICE - $5,895.00

COMBINES IN STOCK

- New 860 with 7.9% financing
- Used 750 Diesel model year 1977 with cab and air includes grain table includes 9.9% financing and $500.00 parts certificate. . . . . SALE PRICE - $26,500.00
- New MF 1143 4 row corn heads in stock . . . . . SALE PRICE AS LOW AS - $8,100.00
- Used 510 Diesel combine, model year 1976 with cab and grain head, includes $500.00 parts certificate and 9.9% financing . . . . . SALE PRICE - $16,900.00
- Used 44 cornheads in working condition $2,000.00
- New MF 4 row cultivator 3 point tool bar . . . . . SALE PRICE - $1,200.00

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700 E. Linden Street Richland, PA 17087

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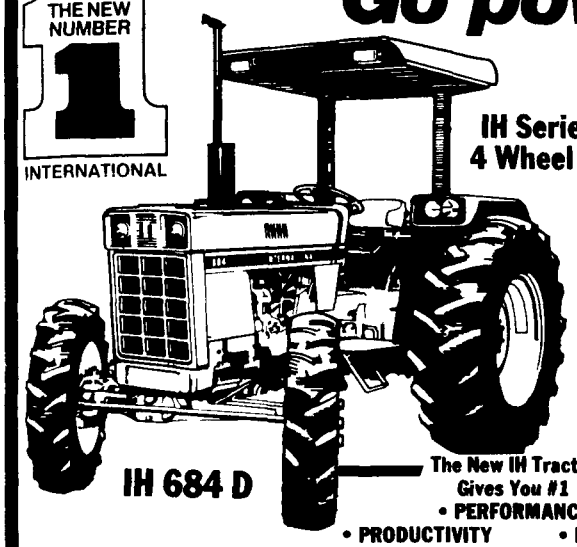
THE NEW NUMBER 1 INTERNATIONAL

Go power!



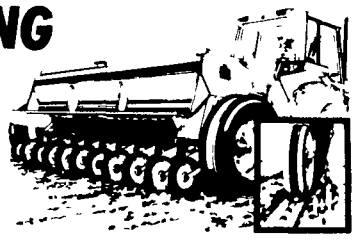
IH Series 84 4 Wheel Drive

IH 684 D

The New IH Tractor Gives You #1
• PERFORMANCE
• PRODUCTIVITY • RELIABILITY

GET UP TO 25% MORE BEANS AND GRAIN WITH 6" SEED SPACING

Drill With The International "5100 Special"



Outstanding accuracy begins with IH feed cups that deliver seed uniformly. Dual rib press wheels then compact the soil around the seed and gently "pat" the top to prevent air holes. Result uniform germination and emergence a start toward higher yields.

International® 183 Row-Crop Cultivator knocks out weeds fast!

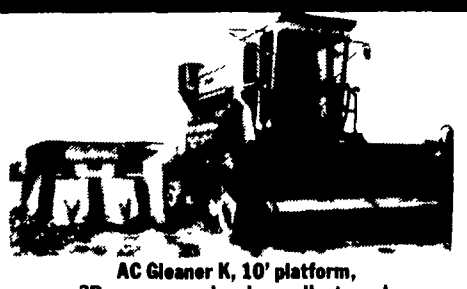
In Stock . . . Ready To Go!

ATTENTION FARMERS: If Parts Are Needed After Hours To Keep You Going Through This Wet Spring, Call Jay Gainer, Our Parts Mgr. At Home 367-7926

A GOOD SELECTION OF USED EQUIPMENT

HAY & FORAGE
- NH 320 Baler, HD PTO, Flotation Tires 1 Yr Old, Like New, w/or w/out Thrower
- NH 1495 Haybine, Ford Engine 12 Ft Cut, Flotation Traction Tires
- IH 56 Blower HD PTO
- AC Model K Combine w/Platform & 3 Row Corn Head, Ex Cond
- NH 892 Harvester w/919 N3 Corn Head
- JD 14T
- NH 479 Haybine
- NH 1469 Haybine
- NI 5 Reel Rake
- Int 35 Hyd Drive Hay Rake
- IH 650 Harvester w/Pickup & Corn Head
- (2) Dion Forage Box Wagons
- IH 1190 Mower Conditioner
- NH 495 12 ft Haybine

SKID LOADERS
- NH L425, Rental Unit
- NH L775 Diesel, Deutz 50 HP



AC Gleaner K, 10' platform, 3R narrow cornhead, excellent cond.

MISCELLANEOUS
- McCurdy Grain Bin $250 00
- Grain-O-Vator Grain Cart
- Pequea Hay Tedder, 9 ft Demo
- Little Giant 40 ft Elevator

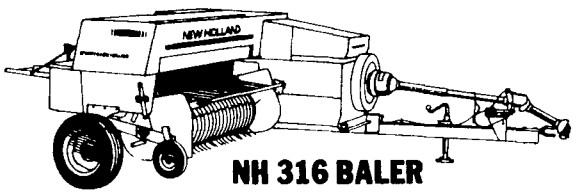
TRACTORS
- IH 84 Hydro 1400 hrs , like new
- Deutz 6806 70 HP 3 Pt Hitch
- IH 340 Tractor Fast Hitch
- IH 5088, 136 HP, 300 hrs
- IH Cub Lo Boy

TILLAGE
- JD 350 6 Bottom Plow
- IH 440 Plow, 4 Bottom 16 ' Demo
- IH 700 4 Bottom Auto Reset Plow
- Brillion 14 Ft Transport Harrow
- Glencoe 9 Shank Soil Saver w/New Disc
- Brillion 10 Ft Culti Packer
- IH 350 Disk Harrow, 12 ft , Nice
- JD 10 ft Rotary Hoe

NEW HOLLAND

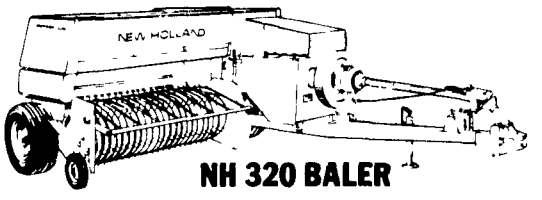
CUT AND BALE THE NEW HOLLAND WAY

A NEW GIANT:
New Holland 1900
Forage Harvester



NH 316 BALER

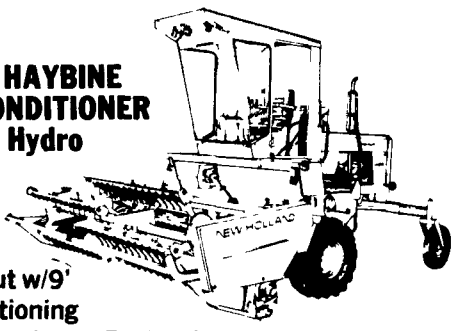
Built with extra rugged features to handle tough crops.



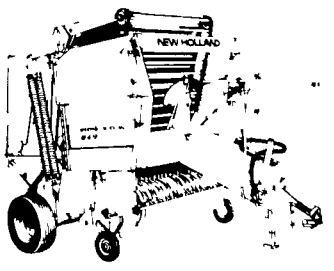
NH 320 BALER

14"x18" Baler designed and built for the big-volume hay grower and custom operator.

NH 1495 HAYBINE MOWER/CONDITIONER
Diesel Hydro



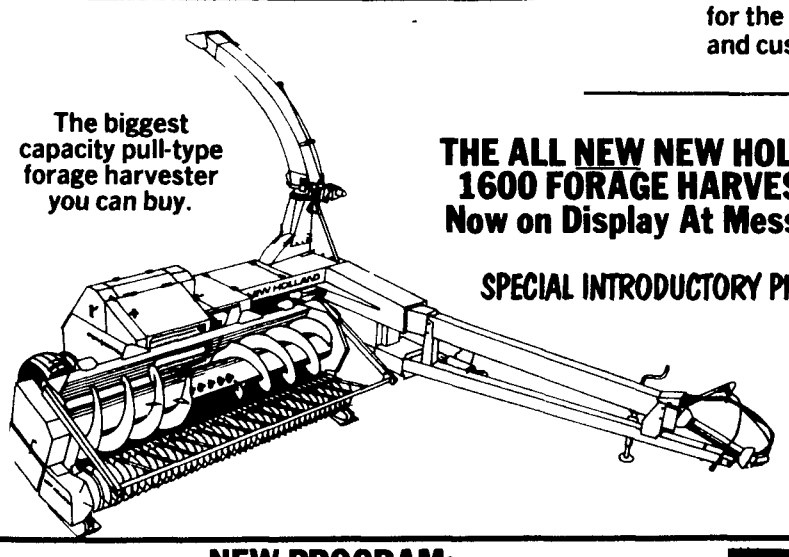
12' cut w/9' conditioning rolls for faster Drying Action



NH 849 ROUND BALER

The '849' turns out solid 4¾'x5' bales that weigh up to 1200 lbs.

The biggest capacity pull-type forage harvester you can buy.



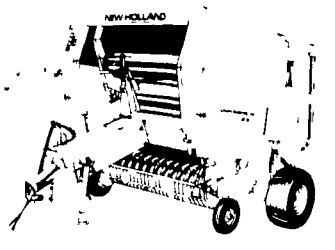
THE ALL NEW NEW HOLLAND 1600 FORAGE HARVESTER
Now on Display At Messick's

SPECIAL INTRODUCTORY PRICE

- No tractor too large for this machine.
- Cuts ⅓ the cost over most s.p.
- Available in 3 or 4 Row Heads.

NH 855 ROUND BALER

The Capacity Champ that turns out solid, well-shaped bales weighing up to 1700 lbs.



NEW PROGRAM:

WAIVER OF FINANCE on Hay & Forage Equipment
Till September 1, 1984

OR LOW RATE FINANCING on New & Used Equipment

- 2% Financing for 1 Yr.
- 5% Financing for 18 Mos.
- 8% Financing for 24 Mos.

OR BIG CASH REBATES

NEW HOLLAND

MESSICK FARM EQUIPMENT, INC.

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★ WE SHIP UPS

STEINER

- S20 20HP Steiner Tractor, 4 WD, 3 Pt. Hitch, Remote Hyd., 60" Mower '83 Demo, New Warranty **$6495**
- Used New Idea (G.E.) 10 H.P. Electric Garden Tractor w/Mower **$695** Excellent

GOOD SELECTION OF NEW & USED LAWN MOWERS

NEW & USED ENGINES

- Wisconsin Model TFD 14 H.P., Rebuilt, 2 cylinder, hand start, guaranteed **$475**
- Wisconsin Used Model VF4, 27 H.P. power unit, electric start and clutch **$800**

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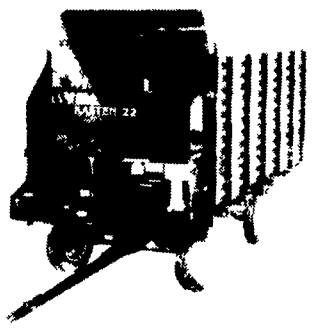
KASTEN



KASTEN MODEL 22 FORAGE BOX

w/11Lx15 Tires, 3rd Beater in roof, 10 Ton Tandem Running Gear. F.O.B.
$5795.00

SCOTTIE SWINGLE

RD 5, Lake Ariel, Pa.
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H. SCHWARTZ & SONS, INC.

NOW SERVING THE STATE OF DELAWARE DIRECTLY FROM WILMINGTON!

NEW USED and RECONDITIONED PIPE
STANDARD EXTRA & DOUBLE EXTRA HEAVY ALL SCHEDULES ALL TYPES FABRICATION THREADING CUTTING — WELDING
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SMITH'S IMPLEMENTS, INC.

Mercersburg, PA **717-328-2244**

SUPER SPECIALS

JD 2440 tractor w/high, low trans., loaded. Must sale. Call for special price.
JD 7000 conservation corn planter. Priced for quick sale.

USED MACHINERY

JD 4040 tractor w/PS, cab, air & 148 loader. Call for reduced price.
Case 1845 diesel skid steer, 4 years old, reduced.
JD 7000 conservation corn planter, loaded, 3 years old.
JD 716 wagons w/1275 running gears, nice, reduced price if buy more than 1
IH 16x7 grain & fert. drill, nice.

Call about our selection of used balers, plows & planters.

SPECIAL OF THE WEEK
AC 180 Diesel
Or
JD 2510
Your Choice **$5500**

1976 Chev. C600 w/22' Van Body, AC, PS, 79,000 Miles	$7,900
Trojan 124 4 WD Loader	$9,999
9 Ton Trailer, Like New	$2,200
New Idea 95 Bu. Spreader	$500
Used NH 258 Rake Has Done 30 Acres	$2,200
JD 300 Backhoe & Unloader	$7,950
IH 350 Baler w/Engine on Both Kicker & Baler	$1,295
Ontario Grain Drill on Steel	$500
1982 Chevrolet 1 Ton 17 Ft. Aluminum Roll Back Body 22,000 Miles	$14,500
NH 495 Haybine, Demo	$9,999
NH 311 Baler	$7,995
JD 2130 Diesel	$7,900

20 Used Haybines, Balers and Choppers
46 Used Tractors

GOODRICH IMPLEMENT, INC.

CALL ED GOODRICH
607-729-6161
745 Harry L Drive, Johnson City, N Y
(Exit 70N near the Oakdale Mall, turn left)
or 1 Mile South of Newark Valley on Rt 38

NEW HOLLAND · case · KUBOTA

USED TRACTORS

JD 4430 cab, air, Quad range sharp
JD 4430, power shift, roll guard
JD 4320, no cab
JD 4230 cab, air, Quad range
JD 4520 w/cab & duals
JD 4230 w/roll guard
JD 4020 Syncro, 1972
JD 4020, power shift
JD 4020 Syncro
JD 4010
JD 2840 w/cab
JD 2640
JD 2240
JD 2630 diesel
JD 2020 diesel
JD 2510
JD 3020 Diesel, Syncro
JD 2010
JD 950 1000 hrs.
Int. 1066 w/cab
IH 966, cab and air
IH 966 w/roll guard
IH 1026 hydro
IH 766 w/cab
IH 1256 w/cab
IH 656 wide front
IH 574
IH 544 diesel
IH 560
IH 826 Diesel
IH 856 w/cab
IH 284 w/mower
Ford 9600 w/cab & duals
Ford 5000
Ford 4000
Ford 3000 Diesel Sharp
Ford 2600
Ford 2000
Ford 850
AC 7030
AC XT 190 w/cab
AC 210 diesel
MF 1105
MF 175 Diesel

GRINDERS & MIXERS

Gehl 120
Gehl 95
Gehl 65
IH 1150

USED COMBINES

JD 6600 Diesel
JD 55 corn special
Oliver 525 w/2 heads, exc. cond.
NI 702 tractor w/710 combine
NI 702 w/chopper & 3 row head
JD 4400, 1979 model, sharp

USED PLANTERS

JD 7000 4 Row narrow, like new
JD 7000 4 row liquid fertilizer

USED HARVESTERS

Fox 2 row snapper head
Used Moridge grain dryer
Late Model NI 702 uni tractor w/767 Super Chopper, 3 row head & pickup head
Fox 2000
Fox Custom 90
NH 770 w/2 heads

MISCELLANEOUS

JD power till grain drill
NH 278 baler
1975 Chevy Tandem w/20 ft. grain body & hoist, PS, air brakes, Detroit 653 diesel
Keewanne 14 ft. Rock Flex Disc w/26" blades
JD 7 btm., on land hitch, hydraulic reset plow
JD 30 ft. Implement Trailer
Large selection of smaller discs
Large selection of plows from 3 to 7 bottom
Gehl 4400 skid steer loader
NH 469 haybine
New Farmhand loaders for IH and JD tractors
Gehl 880 Haybine
Gehl 1070 haybine 7 ft. new
NI 2 row wide pull type corn picker w/12 roll husking bed, excellent
Brillion 15' roller harrow, like new
New & Used rotary hoe's
Gehl 1500 Round Baler

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Ringoes, New Jersey (201) 782-5082

DEPENDABLE MOTOR CO.

East Main St., Honey Brook, Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPECIALS

NH #488 Haybine (Demo)	$7100
NH #311 Engine Baler, Hitch & Chute, Steel Wheels	$8700
NH #311 PTO Baler, hitch and chute	$7120
NH #256 Steel Tine Rake	$2145
NH #256 Rubber Tine Rake	$2300
NH #456 Mower	$2470
NH #30 Blower	$2865
NH #28 Blower	$2915
NH #718 Harvester (1 only) Rental	$5600
NH #782 Harvester, manual controls	$9350
NH #782 Harvester, electric controls	$9890
NH #770W Pickup Head	$1925
NH #8 Forage Box, 3 btr. and roof w/234 wagon and 13:50 tires, adjustable tongue	$7240
NH 363 Tank Spreader	$4295
NH 519 Spreader, 11:20 Tires	$4725
NH #425 Skid Loader 60" bucket, 10:50 Tires	$12,675
Pittsburgh 4B 18" Semi Mtd. Auto Reset Plow	$5275
Pittsburgh 12' Field Cultivator, 1 only	$1295
Butler Nesseth Trail Manure Pump (Rental)	$4550
Hutchmaster Disc 22x¼" blades D.O.T. Flex Gang 5600 lbs.	$6200
Dunham 3 Bar 8 Tooth Chisel Plow Spring Loader 32" Shanks	$1695

ONE ONLY

PLUS MORE EQUIPMENT IN STOCK - CALL TODAY

- SPECIAL DEALS ON THE ABOVE PLUS FREE FINANCE ON NEW & USED NEW HOLLAND HAY EQUIPMENT TILL SEPT. 1, 1984 & FORAGE EQUIPMENT TILL SEPT. 1, 1984 OR SPREADERS AND GRINDERS TILL OCT. 1, 1984

SPERRY NEW HOLLAND

AMCO **DEALER FOR** Glencoe

BUTLER | Livestock Systems TERRE HILL SILOS HUTCHMASTER CENTURY

USED EQUIPMENT

NH 479 Haybine
NH 477 Haybine
7' 3 pt. hitch York Scraper Blade w/100 h.p. rating
NH 315 Baler
NH 273 Baler
NH 272 Baler
NH #28 Blower
NH 770 R2 Corn Head
NH 717 N2 Corn Head
NH 717 Pickup Head
12' Mid West Harrow
Bush Hog 5' Rotary Mower
Case 4B Plow
Oswalt 1830 Ensilmixer
NH 258 Rake

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Wooden Conveyors
Taperboard Feeders
Wagon Beds
Samuel K. Stoltzfus
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WHITE DIESEL ENGINES
HOOVER DIESEL SERVICE
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2½ mile East of Leola - Along 772

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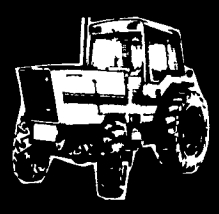
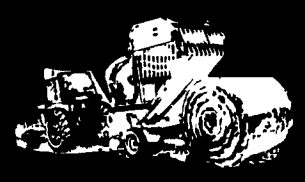
"Starvin' Marvin" Says

A Short Cut is the longest distance between two points. Don't take a short cut when you buy. Call us. We've got your best deal.



IH 3088 90 H.P.
18.4x38 Tires
~~$23,700~~ $23,200

2400 HI CAPACITY ROUND BALER

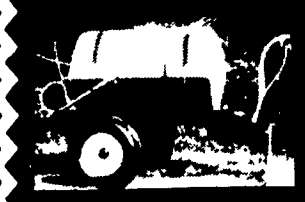


$8,275 CASH

NEW IH TRACTORS AND EQUIPMENT

684 Diesel Row Crop 18.4x30 Tires, 62 H.P.	$16,200
56 Blower	$2,650
1300 3 Pt. 7' Sickle Bar Mower	$2,100
881 Forage Harvester w/Grass & Corn Head	$15,900
5500 7 Tooth High Clear Chisel Plow	$1,900
4500 12'5" Vibra Shank Field Cultivator	$2,500
450 3-16 Reset Plow	$3,500
720 5-18 Reset Plow, Trash Plates	$7,995
560 Manure Spreader, 289 Cu. Ft. Capacity	$5,500
5100 16x7 Plain Grain Drill w/grass seed	$4,185
8'x16' Bale Wagon w/Running Gear, New Tires	$1,900

RED HOT SPECIAL
Left-Over New Sprayer



CAGLE 300 GALLON with MIX N FILL TANK SHAFT DRIVE PUMP
Make Offer

MUST MOVE
IH 1066 BLACK STRIP TRACTOR
With Cab, 76 Model 130 H P
Very, Very, Very Clean
$15,200
We'll give top Dollar on a trade

LOCAL GROWN NO-TILL USED PLANTERS

IH 400 6 Row Air Planter, No Till Coulters, new Double Disk Openers, Insecticide	$3,000
AC 4 Row Narrow Air Planter, No-Til Monitor, Insecticide, Markers	$4,000
IH 400 4 Row Air Planter, No-Til Coulters, Insecticide	$2,250

LOCAL GROWN USED TRACTORS & EQUIPMENT
Waiver Til 9/1/84 Available on Used Tractors

IH 886 90 H P Cab w/Air	$17,500	IH 350 Tandem Disk Harrow 10'3", excellent	$2,250
IH 1066 Black Strip Cab, Low Hours	$15,200	JD 345 4-16 Semi-Mount Plow, Hyd Reset, Excellent	$3,000
IH 1256 w/20.8x38 Rubber	Call	IH 700 5-16 Semi-Mount Auto Reset Plow, Can Convert To 4 Bottom, Good Cond	$2,650
JD 2010 Diesel Utility, Excellent Rubber Excellent Condition	Call	IH 710 3-16 Semi-Mount Auto Reset Plow	$2,750
IH 574D Row Crop w/2250 Loader, Sold new in '77, Low Hrs	$12,500	IH 37 Baler w/Thrower, 1 Owner, Guar	$1,700
IH 2 Row Cultivator for F230, 240	$250	IH 990 Mower Conditioners, 7 and 9 Ft Cut	Call
Papec Forage Blower	$650	Gleaner M 1974 Diesel Combine, Cab, 4 Row Corn Head, 13' Platform, w/Pickup Reel	$16,900
IH 56 Forage Blower, New Ring	$1,575	D R Ellis 2 Row Transplanter	Call
AC Forage Blower	$400	2 - Papec Forage Boxes on 10 Ton Gears, 3 Beaters w/Roof Late Models, Excellent	$2,300 ea.
500 Gal Walsh Trailer Boom Sprayer	$1,000		
NH 880 Harvester w/Corn Head	$3,000		
IH 530 Manure Spreader 145 Bu	$1,500		
JD 54 Manure Spreader w/Hyd Endgate	$1,750		

C & W EQUIPMENT, INC.
260 York Road Carlisle, PA 17013
(Next To The Farmers Market)
Phone: 717-243-4419

Introducing the new Landini line!

2 WHEEL & 4 WHEEL DRIVE

LANDINI — a name you can trust for quality, value and complete support.

Landini may be one of the newest names in North American agriculture, but it's a name you can trust

Trust Landini for quality agricultural tractors Landini is one of the oldest, most successful and most respected names in ag tractors throughout Europe, with nearly a century of experience in agricultural equipment manufacturing

Trust Landini for value The Landini design is renown for delivering the horsepower and features farmers want most — at the most reasonable price possible

Trust Landini for support after the sale Every Landini ag tractor is fully backed by an established parts and service organization throughout North America

Come in now and see how confident you can be, with a new Landini on your team

42-122 PTO HP

NOW EVERY FARMER CAN AFFORD AN ALL-WHEEL DRIVE UTILITY TRACTOR.

Landini®

Landini tractors are manufactured by Massey Ferguson S p A a wholly owned subsidiary of Massey Ferguson Ltd

Stauffer Diesel Inc.
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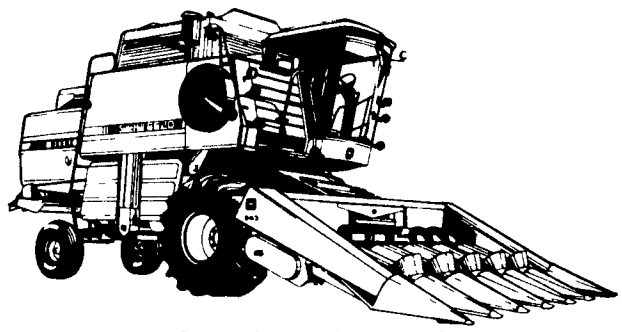
HARVEST TIME SPECIAL

PREVENT CROP LOSS



Boost speed and grain savings on slopes to 18 percent with a Side Hill 6620

Maintain speed. Maintain efficient crop gathering. Maintain efficient separation. It's all possible with this unique Titan. Leveling is automatic on slopes up to 18 percent. The header follows the slope of the ground. The rest of the SideHill 6620 operates on the level.

The 145-hp diesel engine provides the power needed. The Sound-Gard® styled cab provides the comfort and control you need to direct your harvesting operation effectively.

Stop by and see us today. We'll gladly give you all the facts on new features like the HarvesTrak™ combine monitor, dual-range cylinder drive and heavy-duty adjustable rear axle.

New SideHill Combine Priced at 1983 Prices. Call for additional information.

USED EQUIPMENT SPECIALS
JD 2630 Utility Tractor
JD 7700 Level Land Combine
JD 6600 Level Land Combine
Allis Chalmers L-2 Combine
Heads Available For All Units

OXFORD GREENLINE, INC.
Hours: 7.30 AM - 5:00 PM thru Fri.
7:30 AM - 12:00 PM Sat.
RD 1, Oxford, PA
215-932-2753
215-932-2754
John Deere design, dependability and dealers make the difference

Axial-Flow.
Even used, it's simply more productive.

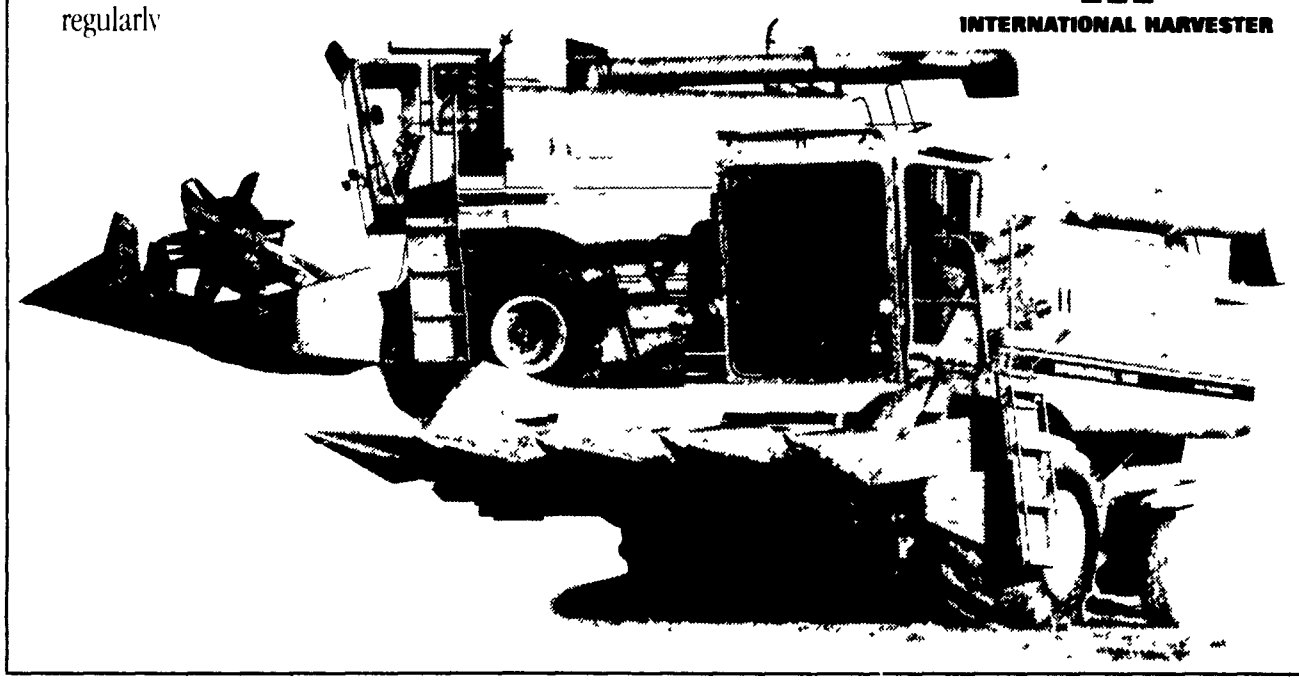
A lot of farmers know that a new International® Axial-Flow combine can improve their harvesting productivity. But the same simplicity and reliability that make a new Axial-Flow perform so well in the field, also make it worth more at trade-in time.

Our big single rotor threshes more efficiently than conventional machines. With fewer moving parts, so there's less to wear out. Plus servicing an Axial-Flow is so simple owners tend to do it more regularly.

And there's never been a better time to buy than right now. If you're looking for a new Axial-Flow, remember, the same built-in reliability that makes a new machine such a good buy will also make your used machine worth even more.

So stop in today. And see how much Axial-Flow productivity—new or used—can mean to you.

INTERNATIONAL HARVESTER



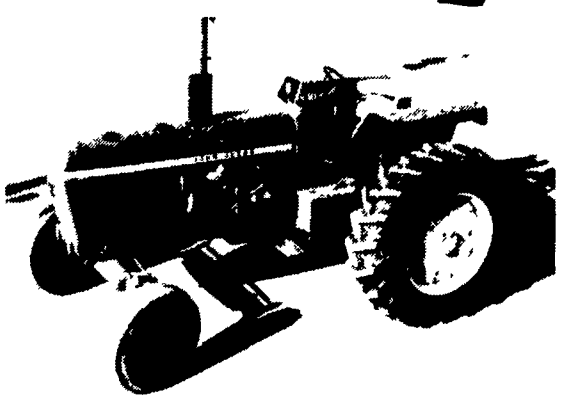
RECONDITIONED AXIAL-FLOW COMBINES

TAG #	DESCRIPTION
U7963	IH 1480 w/30.5Lx32, 18.4x16.1 Tires, 1480 Hours, Air Conditioning, Monitor, A.H.C.
U8542	IH 1480, 1482 Hours, w/67x3400x30, 18.4x16.1 Tires, Air Conditioning, Radio, Monitor, A.H.C.
U8771	IH 1460 w/67x3400x30 Tires, 1900 Hours, Air Conditioning, Grain Loss Monitor, A.H.C.
U9292	IH 1460, 2459 Hours, 28Lx26, 1100x16 Tires, Air Conditioning, Radio, A.H.C., Monitor

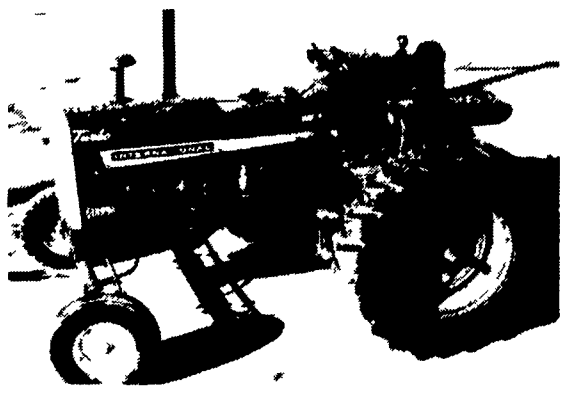
USED CONVENTIONAL COMBINES

TAG #	DESCRIPTION
U7961	IH 915D
U7138	IH 915D
U7608	IH 815D
U9037	IH 715D
U7818	IH 715D
U8457	IH 715G
U8799	IH 203C
U7737	JD 6600
U7904	JD E4400G
8654	MF 750D
U7222	MF 510D Hydro.
U8742	MF 510D Gear
U8010	MF 510D Hydro.
U7158	AC Gleaner F

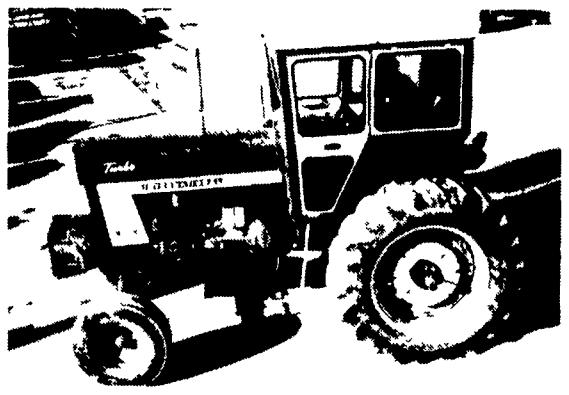
QUALITY USED TRACTORS



W9064 - John Deere 4230, Quad-Range, 2663 Hrs.



W8934 - F1206D Tractor, 4602 Hrs., Dual PTO



W9022 - F1066D Tractor, Year-A-Round Cab w/A/C, 3998 Hrs., Dual PTO

USED EQUIPMENT

TRACTORS

TAG#	DESCRIPTION
W7821	IH 4120 Skidloader
W7844	IH F450D
W8229	IH 966, 18.4x34 Tires
W8536	IH Farmall M
W8569	IH Super C, w/Cultivator, 2 Row-Mtd.
W8780	IH F450G, Fast Hitch, Belt Pulley
W8863	IH F656G Hydr., Fast Hitch
W8891	IH F986D, 18.4x38 6P Tires
W8934	IH F1206D
W8729	IH F1086D w/Rops
W8975	IH Farmall H
W8759	IH F706D w/3 Pt.
W9022	IH 1066 w/Cab
W9040	IH F1206D w/o Cab
W9064	JD 4230H
W8997	Steiger Wildcat 210 w/18.4x34 Duals
W9095	Steiger Cougar II ST300 w/23.1x34 Duals
W9124	IH 1586 20.8x38 Duals
W9189	IH F806D
W9194	IH F656G
W9260	Versatile 150 w/Loader
W9236	IH F1466 w/o Cab
W9240	IH F986
W9291	MF 1080 w/o Cab

TILLAGE

TAG#	DESCRIPTION
T6493	Glencoe SSP, 11 Shank Soilsaver
T8693	Glencoe 13 Shank Soilsaver
T8034	Deere 110 Disc, 10' w/Duals, 9" Spacing
T8166	Deere BW Disc, 10', 8.5" Spacing
T7892	IH 710 Plow, 6F, 18" Auto
T8570	IH Super-C Plow, 2F, Mounted
T8187	Tebbins 13 Shank Subsoiler, Trailing w/Wings
T9270	IH 470 18' Disk
T8857	IH 14 Subsoiler, Auto Reset
T9020	Krause 2416 Disk
T9023	JD 215, 12'5" Disk
T9065	IH 370, 10' Disk
T9074	JD 210 Disk w/Trl Hitch
T9109	Bush Hog 10' Disk
T9120	IH 4500 20' Field Cult.
T9077	Brillion 10' Packer
T9125	White 252, 18' Disk
T9139	Krause 1765 Disk
T9134	IH 760 14' Disk
T9138	IH 37 8' Disk
T9262	Krause 1578 Disk
T9155	Wil-rich 15' Field Cult.
T9184	IH 4500 16½' Vibra-Shank
T9185	Brillion 16' Wing Spring Harrow
T9287	Glencoe 9 Shank Soil Saver
T9317	IH 370 14' Disk
T9318	JD 310 12' Disk

HELP WANTED: Accountant Bookkeeper, Accounting Experience Necessary, Farm Background Preferred. **Ph: 717-768-8231**

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

Radio Controlled Trucks For Better Service

C.B. HOOBER & SON, INC.

INTERCOURSE, PA (717)768-8231 - AUTHORIZED UPS STATION - MIDDLETOWN, DE (302)378-9555

WHY GAMBLE WITH COMBINE SERVICE?

WHEN YOU CAN CALL HOOBERS!

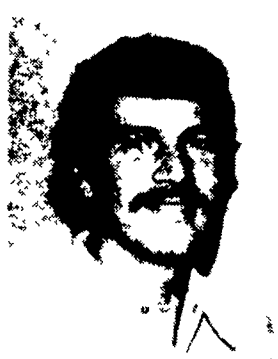
HOOBER'S SERVICE DEPARTMENTS ARE REPAIR CENTERS, NOT PARTS REPLACEMENT CENTERS. WHEN YOU CALL HOOBERS YOU GET:

1 EXPERIENCE - 3 Full-time mechanics work year-round on combines. With over 65 axial flow combines in the field our mechanics know how to set and repair combines.

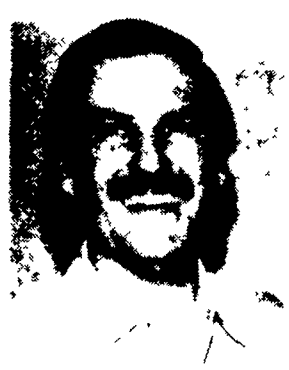
EBY HERSHEY
Service Manager
20 Years of Combine Experience

DON CARPER
Combine Service Manager

2 EFFICIENCY - Our combine mechanics each drive fully equipped service trucks so that they can repair your combine on your farm while you wait.



NELSON MARTIN
Combine Mechanic



KEN DILLER
Combine Mechanic

DON LIVENGOOD
Combine Mechanic

IF A COMBINE REPAIR JOB TAKES NEW PARTS, HOOBERS PARTS DEPARTMENT HAS THE LARGEST INVENTORY OF COMBINE PARTS IN THE EAST.

KRAUSE ROCKFLEX DISK SPECIALS

KRAUSE MODEL 1924
21 Ft. Cut, 135 Lbs. Per Blade
Flex-Wing, Rock-Flex Gangs
$9,800

KRAUSE MODEL 1921
18 Ft. 6" Cut, 140 Lbs. Per Blade
Flex-Wing, Rock-Flex Gangs
$8,900

We Have A Limited Supply At These "Rock-Bottom" Prices. Call Today. Don't Delay.

Krause 1900 Disc

50 SERIES FARMALL TRACTORS

EFFICIENT POWER FOR TODAY'S FARMS

RENTALS AVAILABLE

THE DISK THAT LOVES ROCKS

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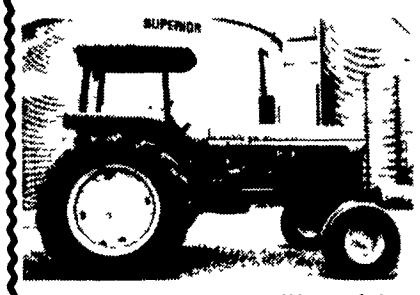
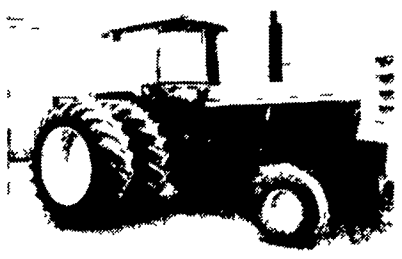
FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT



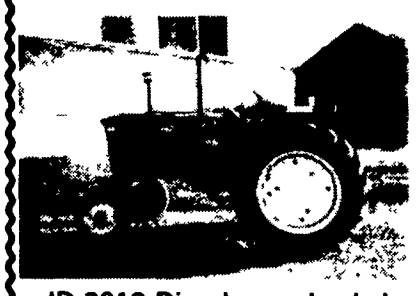
JD 4230 - dual hyd.-lift assist - field ready -$9800.

JD 2020 Diesel with 48 loader new clutch and paint - nice outfit - $6900

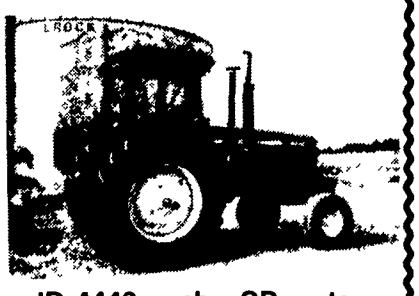


JD 4430 cab - new tires - duals - wts. - low hours - like new - $14,900

JD 4320 side console - dual hyd. - new tires - extra nice - $8900.



JD 3010 Diesel - overhauled - new paint - dual hyd. - perfect - $5900.



JD 4440 - cab - QR - wts. - new 20-38 tires - extra sharp - $22,500

717-264-1154

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

THIS WEEK'S SPECIAL
New Kuhn 6 Star Centipide Hay Tedder Covers 25 Feet
$3895 (only one at this price)

PLANTING & TILLAGE

New AC 4 Row corn planters, conventional or no till, Lely 10' power harrow, IH 710 4 btm. 16" semi-mount reset plow, JD 7000 planter 4 row narrow w/monitor & insecticide very good, Brillion 8' cultipacker seeder, Tye no-till seeders, Used AC 8' grain drill, JD 1240 4 row plateless planter, JD 4 row 3 point tool bar planter - 71 units like new, IHC 710 5-16" semi-mount reset plows, IHC 700 6 btm. 16" semi-mount reset plow, New & Used trailer sprayers, Mechanical Transplanter, Glencoe 7 shank 3 pt. hitch chisel plow, AC 4 Row conventional air planter, AC, JD, Ford 2 Row 3 pt. corn planters; AC 5 btm. plow, Bush Hog 10' plowing disc, Used AC, MF, JD, IHC transport disc.

USED TRACTORS

AC 7040 w/cab, 7030 w/cab, 7000, 200 w/cab, 190XT w/cab, 175D very low hours w/quick tach front end loader, 160, D17 Series IV factory 3 pt. gas & diesel, D15, 170 w/loader, B, C.
FORD 650, 800, 8N.
MASSEY FERGUSON 175 D, 135.
JOHN DEERE 4020 diesel, side console, 4020 diesel power shift, 3020 diesel, 2640, 2440, 620, 530.
IHC 706, 140 w/cultivator, 100 high clearance, Super A comes w/equip., 3 used Cubs w/belly mowers.
KUBOTA 225 tractor w/cab.

FEEDING AND HARVESTING

NH 256 rake w/dolly wheel, JD 640 side rake, NH 56 rake, Gehl 900 side dump forage wagon, flail choppers, NH 38, JD 16A like new, IHC #8 very good, NI side delivery rake, NI 402 rake, NI 254 trailer mower 7', NI wheel rake, AC 6 ton running gear w/flatbed wagon, Hesston PT 7 & PT 10, 1090 mowditioners, Grimm hay tedders PTO & ground drive, NH 1005 bale wagon like new, IHC, JD, AC, NH pickup heads, 270, 272, 279 new & used cutditioners, Hesston #10 stak hand very good, Hesston #30 stak hand & stak mover. USED HAY BALERS: NH 273, 276, 269, 275, JD 24T, Hesston 4500, IHC 425- most w/throwers. USED ROUND BALERS: Hesston 5580, 5600, NH 850, NH 846 auto wrap like new, JD 510. USED FORAGE HARVESTERS· Hesston 720, 2000-100, 2000-150, NH Super 717, 770 & 880. New & used bale elevators and bale movers. Used Kuhn & Fahr centipide hay tedders.

INDUSTRIAL

(2) used AC 840 articulated payloaders, one & one-half yard buckets, Case 530 tractor loader backhoe, Fayette 12 ton tag along trailer, 615 Tractor Loader, JD 440 Log Skidder, NH 775 skid steer loader, AC 715 tractor loader backhoe, demo, AC 706D forklift 14' mast, JD 24A diesel skid steer loader, Used 18 ton tilt top equipment trailer, Ford 1800 Industrial tractor loader & PTO, Bobcat skid steer loader, 610 gas & diesel, 520, Gehl skid steer loader model L2500.

MISCELLANEOUS

Century 3 pt. hitch 200 gallon sprayer, Great Bend quick tach front end loader off Farmall 826, also fits various other tractors, Pick Stone Picker, AC, MF, JD, IHC Garden Tractors w/mowers, Dunham Lehr Loaders, GMC Power Unit w/PTO Clutch, JD and IH 2 row Potato Diggers, AC factory cab for an AC 190 or 200, Wood & steel bale racks, New & Used trailer sprayers, 2 used one row transplanters.

MARSHALL MACHINERY INC.
5 Miles East of Honesdale, Pa.
NE Corner of Pennsylvania Rte 652
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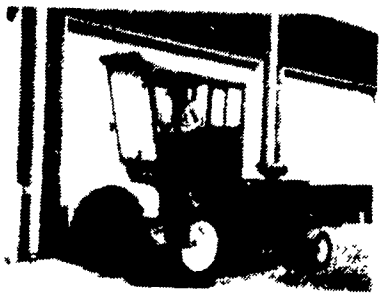
SALES & SERVICE
for AC, KUBOTA, HESSTON, BRILLION, STARLINE, NEW IDEA

JUNE IS DAIRY MONTH

We Are SLASHING Prices!



- **NH 985** w/Cab, 13' Grain Platform, Never Shelled Corn, Nice
  Was $8,900
  NOW $7,822
  Waiver January 1, 1985
- **IH 101 Combine**, Square Back
- **IH 203 Combine** w/Cab & 3RN Corn head
- **Type 10' Stubble Drill** (Rental Unit) w/Legume Boxes, 17" Duraflite Coulters, Press Wheels, 9.5Lx15 Tires, 2 Concrete Barrels, Ace Meter
  List $12,576
  Reg $11,250
  NOW $8,369
- **Wic 3300 Gal. Manure Spreader** w/Tandem Wheels 21.5x16.5 Tires w/Rear Injectors. Rental Unit
  Was $11,950
  NOW $7,922
  While Supply Lasts

2 FOR 1 SALE
- Buy 1 IH 56 Blower Tag 1034 for $1,195.00 get 1 Dion Blower FREE
- Buy 1 Gehl FB88 Blower Tag 1715 for $950.00 Get 1 Kools KB54 Blower FREE
- Buy 1 IH 56 Blower Tag 1025 For $1095.00 Get 1 AC 60 Blower FREE

- **WIC MODEL 52 SELF PROPELLED SILAGE CART,** Hydrostatic Drive, 5 HP Honda Engine
  Reg. $3,830 **NOW $3,428**
  Plus We Will Fill The Cart FREE With Purina 1000XF16 Dairy Feed

- **NEW CENTURY FIELD SPRAYER,** 500 Gal., 35 Ft. Boom w/No Drip Nozzle Front Catwalk Tandem Axle Hyd. Centrifugal Pump, Agitator & More
  Was $5,077 **NOW LESS THAN $4,450**
  Plus FREE Chemical For Leafhopper Control For 50 Acres

- **701 UNI** w/Cab HR Rear Axle
  Was...$5,500 **NOW $4,120**

FOLLOWING UNI EQUIPMENT REDUCED:
- 1 - 702D w/Cab
- 2 727 Husking Bed
- 2 - 725 3RN Corn Head
- 1-724 3 RN Corn Head
- 760 Forage Harvester
- 767 Super Chopper, Nice
- 763 3 Row Corn Head
- 729 Sheller
- 729A Sheller
- 710 Combine
- 713 Grain Platform
- 766 Hay Pickup
- 744 4 Row Narrow Corn Head

Stop In For A Refreshing Glass Of Chocolate Milk During June

(2) 18.4x38 8 Ply Rear Tractor Tires
NOW $398.88 ea.

ABOVE PRICES FOB FONTANA. SALE ENDS JUNE 30, 1984

- **702D Uni Tractor** w/Cab, Engine Completely Rebuilt, New Paint, A Cream Puff
  Reg. $9,950
  NOW $8,900
- **717 Combine** w/Variable Speed Cylinder Hyd. Auger Fold Out & Straw Chopper 3 Yrs. Old Excellent
  Reg. $7,900
  NOW $6,833
- **713S 13 ft. Grain Platform**
  Was $3,550
  NOW $2,410

ONE ONLY

We Have Asgrow & Standard Soybean Seed & Innoculant

- **Glencoe 9 shank Stretch Frame Soil Saver,** Demo, 11Lx15 8 Ply Tires & Lift Cylinders
  Was $8,305
  NOW $6,682
- **Bush Hog 9 Shank Soil Hog,** 11Lx15 8 Ply Tires
  Was $7,525
  NOW $6,498
- **McCurdy Bin Wagon** & 8 Ton Gear
- **#350 Kill Bros Grain Bin**
- **#375 Kill Bros Grain Bin**
  Prices Reduced

Umberger's Of Fontana, Inc.
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TRACTORS

AC 7040D	AC 440	AC CA	IH 806	Case 1490
AC 7045D	AC XT190D	AC 5040D	IH 340	JD 450 Crawler
AC 7050D	AC 180D	AC 5050D	IH 140	Case 450
AC 7020D	AC 175D	AC D19D	JD 2010	Oliver 1650D
AC 7010D	AC 7000D	AC D14	MF 65G	

NEW & USED EQUIPMENT

New and Used Miller Discs and AC Discs
14T J.D. baler and engine
Farmhand grinder & blower
610 Bobcat Skid Loader
630 Bobcat Skid Loader
721 Bobcat Skid Loader
1000 OMC Skid Loader
371 Bobcat Skid Loader
Thomas Skid Loader
MC 600 Grain Dryer
65' 8" Transport Auger
AC L, M, F, G&A Combines
Uni Harvester 708 & 702
708 w/combine

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FEATURES:

UNBEATABLE ACCURACY
- Blue Metering Pump – L 1094 or L 4400
- Speed Sensitive – Set It And Forget It
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SINGLE UNIT CONVENIENCE AND EFFICIENCY
- Twin 200 Gallon Polyethylene Saddle Tanks
- Metering Pump
- Pump Mount
- Press Wheel
- Side Saddles
- All Mount Together In One Package – Easy On And Easy Off

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- Pumps Meter Liquid And Suspension Fertilizer And Herbicide
- Use With Planters Discs Our 30 Foot Boom or Other Application Packages

FEATURES:

- 500 Gallon Tank (Stainless Steel or Polyethylene)
- 6 000 lbs Capacity 2 Wheel Cart
- Press Wheel Pump Drive (Manual or Hydraulic)
- John Blue s L-4400 or L-4900 Metering Pump
- 30 Boom 40 Boom or 40' Truss Boom
- Without Boom It Can Be Used As Nurse Unit
- 60 '–80 Adjustable Tread Width
- Venturi Agitation or Sperger Agitation–Blue s Hydraulic 2 Centrifugal or PTO Centrifugal Pump
- Low Clearance Chassis–12 1/2 (Under Axle) or High Clearance Chassis –26 (Under Axle)

IN STOCK FOR IMMEDIATE DELIVERY!

- 7 Shank 200 Gal. Side Dressing Unit
- Model 700 300-Gal. Sprayer with 30 Ft. Booms
- Saddle Tank Set Ups-200 Gal. or 260 Gal. w/Ground Drive Pumps

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USED EQUIPMENT

Skid Loaders:
Case 1830
4400 Gehl
Owatonna 1700

Forage Boxes:
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Kasen
Badger

JD Forage Harvester
Brillion 14' Field Cultivator
Oliver Pull Type Combine
OMC Stacker
Vicon Wheel Rakes
Vicon Hay Maker
Gehl 99 Blower
Hesston 310 SP Conditioner
5' Rotary Mower, $495
Gehl 95 Mixer

NEW EQUIPMENT SPECIALS

Bush Hog:
9 shank Soil Hog $5795
3 pt. 8' Chisel $1875

Glenco:
3 pt. 5' Chisel $1095
12½' Field Cult. $2395
7 shank Soil Saver $5795

Hay Equipment
Vicon wheel rakes 4 & 5 wheel, 3 pt.; 6 wheel pull type; V style 8 wheel
Vicon Disk/ Conditioner
Gehl model 1450 baler
Gehl 1850 Baler
Gehl 1250 Harvester
Gehl 99 Blowers

USED TRACTORS

AC 185
AC D14
AC 170
AC 7040 Cab P.D. d Trans.
AC 6060
JD 2030

Peterman Farm Equipment

717-249-5338 or 249-2150
Farm & Lawn Equipment - Chain Saws
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MF

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IRRIGATION - WASTE - MANURE - FIRE - INDUSTRIAL

SPECIAL
HALE 400 GPM
Deere Diesel $5975

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Gorman-Rupp, Hale, Berkeley, Marlow, CMC, Hypro, Cat

PVC PLASTIC PIPE

REYNOLDS ALUMINUM PIPE

Irrigation, Repairs & Gaskets for: RACE, WOSCO, WADE, IRRECO, CHAMPION, SHUR-RANE, McDOWELL, RAINBOW, A-M AND OTHERS

SPRINKLERS: Rainbird, Nelson, Skinner

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SOUTHEAST MANUFACTURING CO INC
P O BOX 300 • NEODESHA KS 66757

Economy TRAILERS

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Place Your Order Now At Your Dealer, BINKLEY & HURST BROS., INC.

TT 16

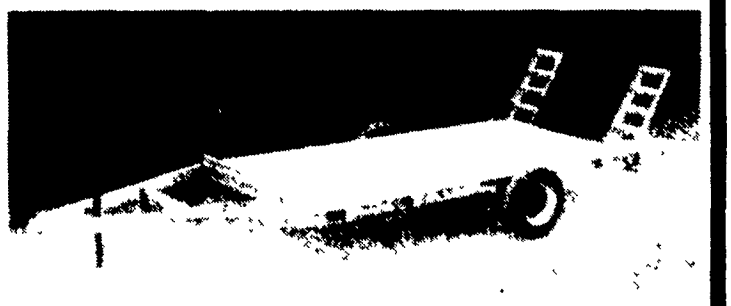
Axles	2
Brake Axles	2
Hitch	2⅝" Ball
Deck Width	76"
Deck Height	19"
Deck Length	16'
Deck Material	Oil treated 2" pine
Tires	7 00x14 5
Weight	1623#
Capacity	8000 lbs
Color	Yellow

TT 14

Axles	2
Brake Axles	2
Hitch	2⅝" Ball
Deck Width	76"
Deck Height	19"
Deck Length	14
Deck Material	Oil treated 2" pine
Tires	7 00x14 5
Weight	1500#
Capacity	8000 lbs
Color	Yellow

TT 12

Axles	1
Brake Axles	1
Hitch	2⅝
Deck Width	76
Deck Height	19"
Deck Length	12
Deck Material	Oil treated 2' pine
Tires	7 00x14 5
Weight	1050#
Capacity	4000 lbs
Color	Yellow



STANDARD EQUIPMENT: Stationary fold-up ramps, fold-up jackstand, ICC running and clearance lights with male pigtail connector, Dexter axle with mono-leaf springs, electric brakes on all wheels.

MADE IN AMERICA

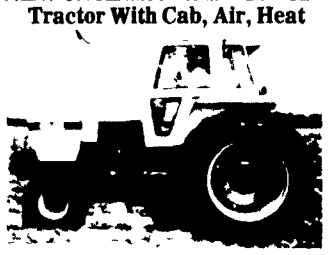
RUGGED FOR LONG LIFE

AVAILABLE OPTIONS FOR ECONOMY TRAILERS
Diamond plate fenders
2⅝" adjustable ball hitch 14 16 only
Spare tire – 7 00x14 5

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543
Located ½ Mile North of Rothsville
PH: 717-626-4705
Hours: Mon.-Fri. 7 A.M. - 5 P.M.;
Sat. 7 A M. - 11:30 A.M. Sun. Closed - Lord's Day

ONE ONLY.. MUST SELL
Price Reduced
LOOK AT THIS!
NEW CASE 2290 129 HP DIESEL
Tractor With Cab, Air, Heat



Equipped With Power Shift, 20.8x38 Tires, Dual Remotes, 540-1000 PTO, President's Chair Seat, Serial #09919670

Factory List $51,038

DISCOUNT SELLING PRICE IS ONLY ~~$27,326~~

(Front end weights not included)

AND Get 8.8% Financing OR Waiver

NOW ONLY **$26,526**

KING OF THE FIELD
CASE 2394
504 DIESEL

w/Over 160 HP And All New 24 SPEED 6 SPEED POWER SHIFT TRANSMISSION

Serial #9928931 (Dual Wheels & Weights Extra)

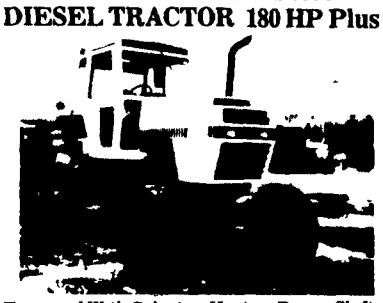
Factory List... $64,935

YOU PAY ONLY **$38,200**

And Get 8.8% Financing

ONLY ONE AVAILABLE AT THIS VERY SPECIAL DEAL, SO DON'T WAIT!!

PRICE REDUCED!
NEW CASE MODEL 2590
DIESEL TRACTOR 180 HP Plus



Equipped With Cab, Air, Heater, Power Shift, 20 8x42 Rear Tires, 18.4x16 1 Diamond Tread Front Tires, President's Chair Seat, Dual Hyd Remotes, 3 Pt Hitch

Factory List $65,275

YOUR PRICE ONLY ~~$37,572~~

AND Get Waiver Of Finance till Jan. 1, 1985

OR 8.8% FInancing

NOW ONLY **$36,872**

Trade-In Now!

LAST CALL... You Hav
DEADLINE FOR TRAC
IS JUNE 30
No Reasonable Offer Refuse
Before June 3

NEW SPECIAL CASE MODEL 2090

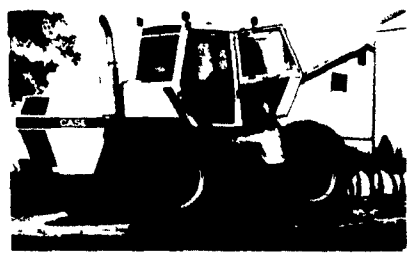
Cab, Air, Heater, Power Shift (Duals & Weights Optional) 20.8x38 Rear Tires (No Other Options Or Weights)

Factory List $48,051

YOUR DISCOUNT BUYING PRICE FOR GREAT QUALITY IS ONLY **$24,950**

Stop By If You Are Serious - We Will Do Our Best To Get Together A Deal You Will Like Now!

LIKE NEW SPECIAL!



NEW CASE MODEL 4490
4WD 213 HP
With Exclusive Solid Frame Crab Steering

Equipped As Follows:
Cab, Air, Heater, Power Shift, 20 8x34 Radial Tires, Electronic 3 Pt. Hitch w/Draft Control, PTO 1000 RPM, 4 Sets Of Remote Outlets

Get $86,493 Value FOR ONLY **$37,800**

Get 8.8% Financing
OR Waiver of Finance Till Nov. 1, 1984
OR PAY CASH AND GET A BIG DISCOUNT NOW!

BRAND NEW CASE 94 SERIES
MODEL 1294 55 HP DIESEL
FRONT WHEEL DRIVE

Equipped With 11 2x24 Front Tires And 16.9x30 Rear Tires, Hyd. Remote, 540 PTO, Tilt Flip-Up Hood, Standard Syncro Shift REALLY A FINE, SERVICEABLE TRACTOR!

Serial #11058369

Factory List $25,197 40

DISCOUNT SELLING PRICE ~~$17,848~~

(Loader and rollbar not included in price)

NOW ONLY **$16,748**

PRICE REDUCED!
NEW CASE MODEL 1394 TRACTOR
65 HP Turbo Charged Diesel w/Power Shift
Something New!

Remember... On-The-Go Power Shift!

- 540-1000 PTO
- 7 50x16 Front Tires

Serial #11136292

Factory List $24,879

DISCOUNT PRICE ONLY ~~$17,634~~ **$16,434**

AND 8.8% Financing Available
OR Waiver Of Finance

BRAND NEW CASE 1294
55 HP DIESEL TRACTOR
One Only
Serial # 11058364

16.9x30 Rear Tires, Manual Adj

Factory List. $20,909

YOUR DISCOUNTED BUYING PRICE **$12,850**

Plus You Get 8.8% Financing OR A Waiver of Finance

ALL TRACTOR PRICES IN THIS AD ARE NEGOTIABLE WITH FULL CASH PAYMENT

NEW CASE MODEL 2390 160 HP TRACTOR

With Cab, Air, Heater, Power Shift, 20.8x38 Rear Tires, 14Lx16.1 Front Tires

Serial #09920860

One Only At This Price

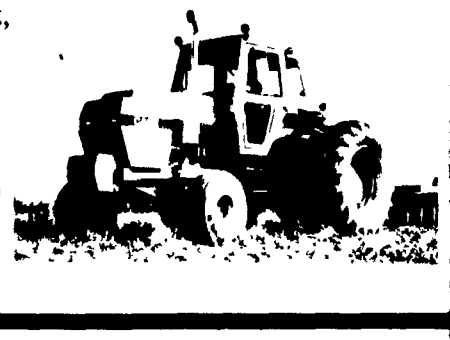
List $59,750.00

NOW ONLY **$29,950.00**

(Dual Wheels & Front End Weights Not Included)

GET 8.8% FINANCING

Trade Up To Quality Now!



THE BETTER BEDDER

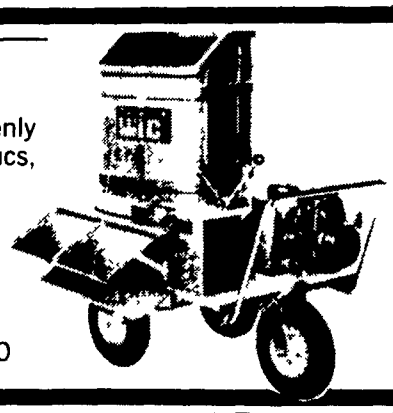
In one single operation, straw and/or hay mixtures are shepped and evenly spread beneath your livestock. Because of advanced manufacturing technics, this machine is extra-sturdy and most reliable.

BUY FOR ONLY **$1395.00**

In Stock! Ready To Chop!

This Unit In Stock Powered By 7 HP HONDA

List $1525.00



BRAND NEW DEMONSTRAT AT REDUCED PRICE!

CASE 18 GAS UNILOADER

With Case Wate Engine, 34 Serial #986 ONE ONL List Price $1

NOW ONLY **$11,938** As A C Pr

NOTICE: SPECIAL SALE ON NEW & USED QUALITY HAY MACHINES
In Stock And Ready To Work!

USED VICON DISK MOWER

7'8" Cutting Width **$4,670**

BRAND NEW DEMONSTRATOR - IT REALLY WORKS!

GEHL MODEL 1080 DISC MOWER

Over **10% OFF**

This Machine Loves Tangled, Heavy, Down Crops

Cut condition and windrow up to 7'10" in even the heaviest crops with the 1080 disc mower conditioner from Gehl Six counter rotating, three knife discs slice through your crop at up to 54,000 cuts per minute leaving your fields cut short smooth Intermeshing rolls aggressively grab the crop yet gentle condition it to speed drying and reduce leaf loss Stop by and see the high speed efficient 1080 disc mower conditioner in action

Our Regular Low Price Is $9,219.00

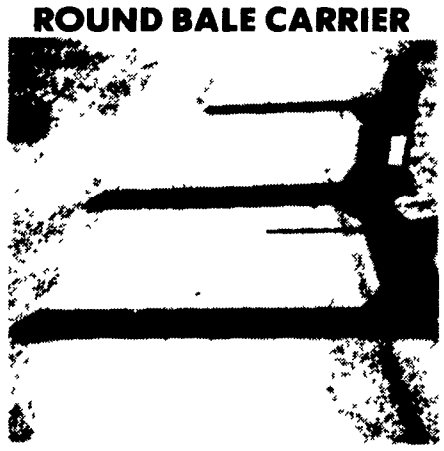
Serial #2447

NOW ONLY..... **$7,997.00**

New Warranty

OR MAKE OFFER

CASE ECONOMICAL
3 PT. HITCH
ROUND BALE CARRIER



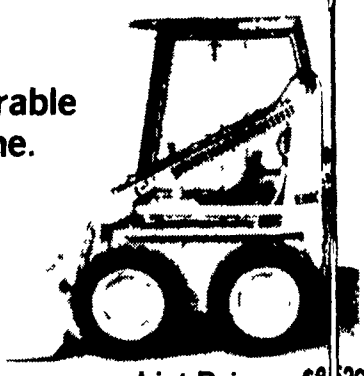
w/50" Long Prongs And 2 Ft. Upper Spike

$289 Also Available For Skid Loaders...$489

NEW CASE 1816 C LOADER SP
Price Just Reduced!

Consider The Labor Savings With This Versatile, Maneuverable Time-Saving Machine.

- Accomodates The Closest Of Quarters
- Passes Thru A 36" Doorway
- Lifts Half A Ton
- Numerous Options Available



List Price... $8,

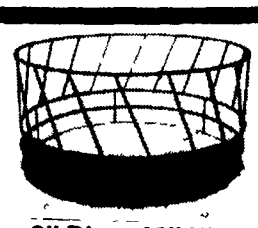
CASH SELLING PRICE... **$5,8**

DEUTZ FAHR
DRUM-TYPE (Used)
ROTARY MOWER
9 Ft. Cut w/Tegral Hydraulic Lift
IDEAL FOR MOWING MEADOWS AND DOWN CROPS
Reg. Price $1928
SALE PRICE **$1680**

SPECIAL OFFER
ROUND BALE FEEDERS W/LOWER FEED SAVER PANEL

Round Feeders are rugged constructed to give years of feed saving service. Each feeder makes it possible to feed nearly 100% of your big bales to over 20 head of full grown cows. The nearly 100% Utilization of feed can more than double you feed dollars.

SALE PRICE ONLY .. **$98.50**
w/Short 4" Extension Legs To Keep Unit Above Mud

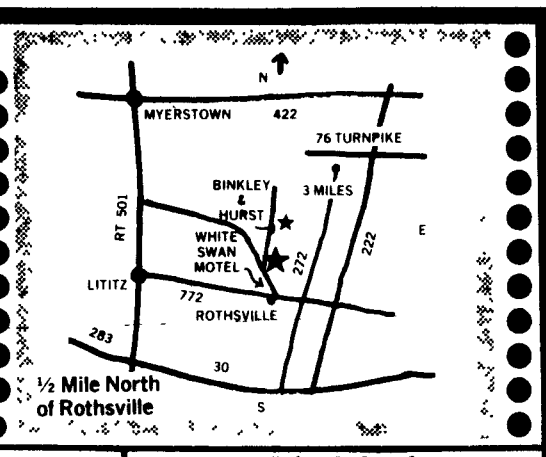


8" Dia. x 42" High w/15" Feed Saver Panel

case BI

133 Roths

7 Days Left
)R SPECIALS
1
Trade Up Now



½ Mile North of Rothsville

BRAND NEW CASE 1594 DIESEL

Powered w/85 HP 6 Cyl Engine
Equipped w/Cab, Air Conditioning, Heater & Power Shift

You Get · Twin Hyd. Outlets, Reversible 540-1000 PTO Shaft. Tractor Priced Is 2 Wheel Drive

Only Over 20 GPM Hydraulics (Front Wheel Drive Extra)

YOU BUY FOR ONLY **$24,950**

And Get 8.8% Financing... For Your Best Deal Or Trade-In Request Stop In Now!

Price Reduced
NEW 110 HP CASE MODEL 2094

Equipped With Cab, Air, Heater, Electronic Power Shift w/Computerized Digital Read-Out Dash, 20.8x38 Tires, Double Remotes, 540-1000 PTO

YOUR DISCOUNTED PRICE **$29,780**
One Only At This Price
Serial #09928188

Factory List $49,870

NOW ONLY **$28,950**

JUST ARRIVED
NEW CASE 1494

ONE OF A KIND

Cab, Air Conditioning, Heater, Power Shift
75 HP TURBO CHARGED DIESEL
18 4x34 Rear Tires Manual Adjustable, Twin Hyd Remote Outlets, One w/Float Detent, w/Weight Frame But No Weights, Reversible 540-1000 PTO
Serial #11192364

Factory List Price... $36,364

YOUR SPECIAL PRICE DURING THE MONTH OF MAY IS ONLY **$21,950**

And Get 8.8% Financing OR Waiver Of Finance
But Don't Let This Price Stop You...Drop By If You Are Serious!

ALMOST NEW!

1981 Model
CASE 1490 LOW-PROFILE
Like New, 310 Hrs Serial #11184431
SAVE $600.00 NOW!

- 12 Speed Power Shift
- 10 00x16 Tires Like New
- No Rollbar or Wts
- 16 9x34 Tires Like New On Manual Adjust Rims
- 90 Hr 50/50 Driveline Warranty

Reg Price $14,900

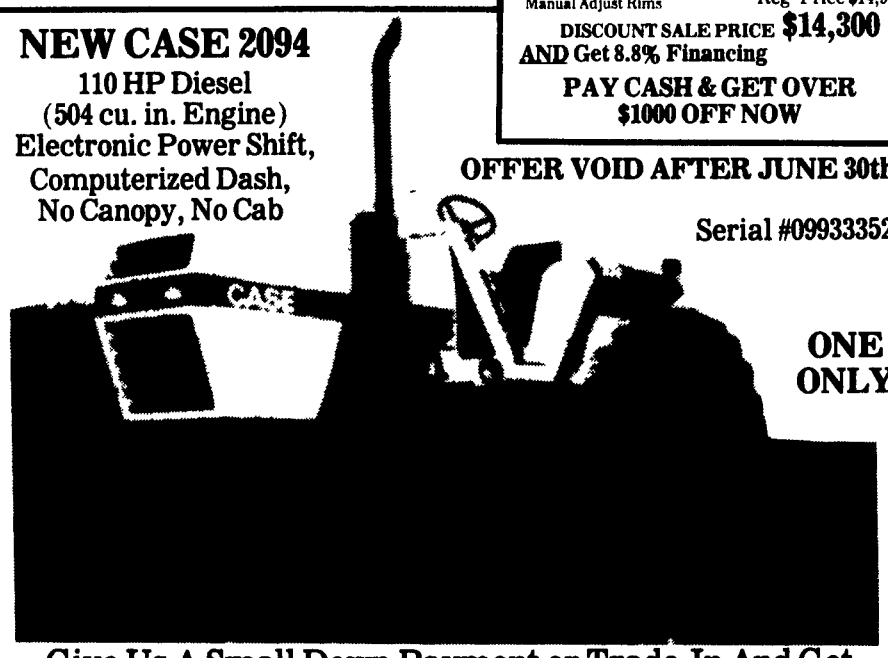
DISCOUNT SALE PRICE **$14,300**
AND Get 8.8% Financing

PAY CASH & GET OVER $1000 OFF NOW

NEW CASE 2094
110 HP Diesel
(504 cu. in. Engine)
Electronic Power Shift,
Computerized Dash,
No Canopy, No Cab

OFFER VOID AFTER JUNE 30th

Serial #09933352

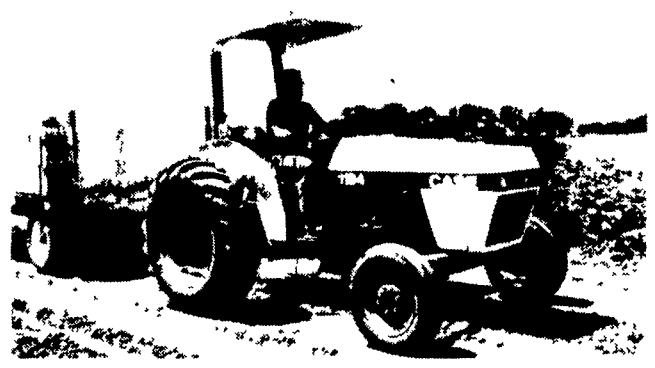


ONE ONLY

Give Us A Small Down Payment or Trade-In And Get NO INTEREST CHARGES OR PAYMENTS TILL JAN. 1, 1985 OR 8.8% FINANCING FOR 4 YRS.

Now Is The Time! **$20,800**

BRAND NEW 43 HP DIESEL MODEL 1190



ONE ONLY
Serial #11039325
ROPS Optional
~~$9,850~~

5 DAY SPECIAL OFFER ENDS JUNE 30, 1984

$8,950

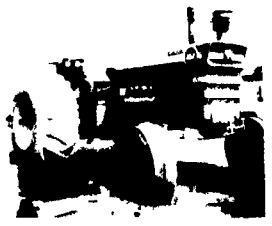
Get 8.8% Financing For 4 Yrs.

GOOD USED TRACTOR SPECIALS!
LAST CALL...8.8% FINANCING ENDS ON JUNE 30th

JOHN DEERE 420 DIESEL
1967 Model, Wide Front, Double Hydraulic Outlets, 15.5x38 Rear Tires - Good, Like New Front Tires, 3 Pt. Hitch w/3rd Link, PTO & Fast Clutch Rebuilt, Rebuilt Starter Ready To Go

$7,850

MF 1150 V8 PERKINS DIESEL ENGINE



Has Had Recent Engine Work, New Clutch, New Hyd Pump Approx 3500 Hrs

$7,950

CASE 1070 POWER SHIFT TURBO CHARGED

130 HP
Late Model w/Approx 1900 Hrs, 20 8x38 - Approx 50% Tread, Double Remotes

$11,300
Or Additional Discount For Cash

When The Spring Rush Is Over, Clear Brush & Fence Rows With This Useable But Inexpensive Tractor
IH T 340A CRAWLER LOADER

- Gas • 4 in 1 Bucket
- Rear Ripper • Ex Undercarriage

$5,850

JOHN DEERE A
1949 Model
Runs Good

$850.00

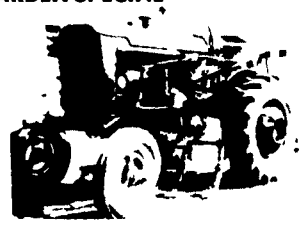
JD 4230
NICE UNIT - LOCAL TRACTOR

- Approx 2300 Hrs • 10 Wts
- ROPS w/Enclosure • 18 4x38

$15,300

FARMALL SUPER A GARDEN SPECIAL

Engine Completely Rebuilt
$2,850



OTHER ECONOMICALLY PRICED TRACTORS IN STOCK

- Farmall 230 Fast Hitch — $1,350.00
- Hough Tow Motor . — $1,950.00
- M Moline 670 Diesel Needs Engine Work — $1,950.00
- John Deere 60 Tractor Gas, Needs PTO Work
- Case 430 Diesel Wide Front, Hydrostatic Power Steering With Draft O Matic 3 Pt Hitch, Excellent Mechanical Condition! . . — $4,950.00
- Case 400 Bid Style Tractor, Narrow Front . — $950.00
- Case 430 Gas Tractor, Wide Front, Serial #6169289 . — $2,950.00
- Case 730 Comfort King Diesel Narrow Front, Double Remotes — $4,850.00
- Case 800 Narrow Front Case O Matic With Eagle Hitch — $1,250.00
- Allis Chalmers XT190 #12823, Approx 3368 Hrs . — $5,996.00
- Leyland 270 Diesel 70 HP As Is — $2,850.00

WHITE 2-150
Big HP At The Right Price! Approx 142 HP

Serial #271240-410, 1976 Model, 1400 Hrs Original, Cab, Air, Heater, 6 Speed w/ 3 Speed Over and Under, 18 4x38 90% w/ Dual Wheels To Go Along 11 00x16 15% Engine Good (Not Oil Burner)

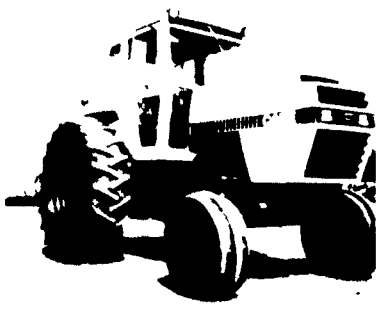
BEST OFFER
8.8% Financing
OR Waiver of Finance
OR Additional Cash Discount

IH 966 1975 MODEL
Cab w/Heater

18 4x38 Tires, Double Remotes, Hyd Outlets, 1397 Hrs Since Major Overhaul

$11,500
And Get 8 8% Financing
Or Waiver Until Nov 1, 1984
OR BIG CASH DISCOUNTS

BRUTE POWER...OVER 180 HORSES
Used Case 2590



IN EXCELLENT CONDITION

- 20 8x42 Tires, Like New
- 14L & 16 1 Front Tires
- Approx 3164 Hours

Was $25,800
CASH DISCOUNT OF OVER $1800 OFF

JUST ARRIVED
CASE 1070

- Rated 108 HP Plus
- Cab • Air • Heater
- Power Shift
- 20 8x38 Rear Tires

CASH PRICE **$13,950**

80 HP PTO RATED DIESEL TRACTOR

MODEL 1412
With 4 Speed Automatic Power Shift w/A Total Of 12 Speeds
Reconditioned Ready To Go!

- 18 4x34 Tires • Approx 2195 Hrs
- 540 PTO

PRICE REDUCED

BINKLEY & HURST BROS., INC.

tion Rd , Lititz, PA 17543 Located ½ Mile North of Rothsville

PH: 717-626-4705

Hours Mon-Fri 7 AM 5 PM Sat 7 AM - 11 30 AM. Sun Closed - Lord's Day

At Binkley And Hurst Bros., Inc.
Our Service Doesn't End With The Sale...
It Just Begins!

HEAVY DUTY SPEED KING PORTABLE ELEVATORS IN STOCK!

SPEED KING

Engineered for balance one man can move in t position elevator even with hopper in tilt up position

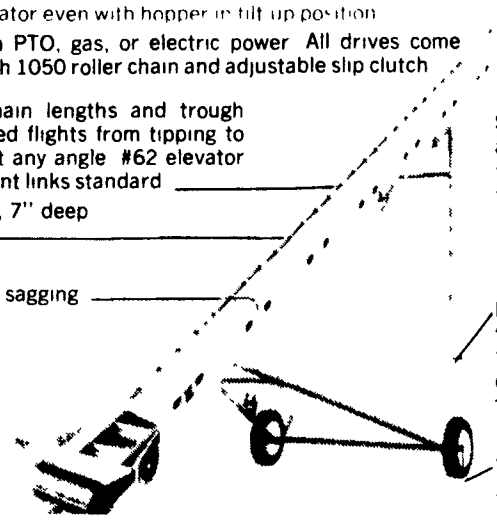
Choose from PTO, gas, or electric power All drives come standard with 1050 roller chain and adjustable slip clutch

Center location of attaching chain lengths and trough design prevent galvanized cupped flights from tipping to assure maximum material flow at any angle #62 elevator chain available with C-1 attachment links standard

Galvanized trough is 20½" wide, 7" deep for big capacity

Interlocking joint design prevents sagging

Wide optional tilt up feed hopper (with patented design) has adjustable springs to provide balance at any elevator angle Tilts up flat over trough for transport



Safety features meet and/or exceed prescribed industry standards

Ruggedly constructed tubular undercarriage "tucks away" to get in close to bins and cribs for maximum reach

Wheels with regrease able anti friction bearings, are set far apart for good standability

Speed King Portable Elevator Options

360° Swivel Head and Telescoping Spout fills crib corners Aim the flow where you want it Large 18" diameter opening Telescoping 4 downspout sections increase reach up to 16 Assembly can be swung out of the way or removed for bale handling

Choose from three power options PTO gas engine or electric motor Shielded PTO pictured at right can be driven from either side Drive Kit with mount for engine or motor is available (shown above)

Adjustable Bale Slide increases the effectiveness of the elevator for handling baled materials

Shovel Hopper is available for use when dumping from truck or wagon

SIZES SET UP AND READY TO GO!

• 31 Foot • 36 Foot • 41 Foot • 46 Foot

SPEED KING UTILITY AUGERS

Motor Mount, Control Sleeve, Safety Cage

- 11' long by 4" diameter **$116.00**
- 16' long by 4" diameter **$141.50**

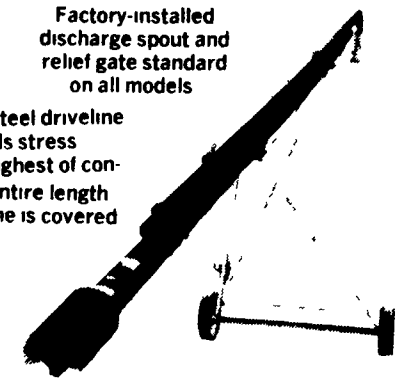
NEW SHIPMENT JUST ARRIVED

Of New Speed King Grain Auger Transports

Factory-installed discharge spout and relief gate standard on all models

Solid 1" steel driveline withstands stress under toughest of conditions Entire length of driveline is covered

Pre-lubricated, sealed gearbox assures you dependable performance



Flex tubes are available optional in 3', 5' and 8' lengths for both 6" and 8" augers Total flexibility allows bending in any direction to funnel flow of grain into hard-to-reach places

Heavy-duty intake flighting to give added life Wire screen cage provides protection

Ruggedly constructed scissor-type undercarriage "tucks away" to get in close to bins for maximum reach Trussed axle arms for strength and stability at any angle

Sizes In Stock:

• 8x46 • 8x53 • 10x41 • 10x71

ADDITIONAL NEW SIZES IN STOCK, INCLUDING 6" DIAMETER.

PTO DRIVE W/DOWN SPOUT AND FLEX HOPPER SET UP - READY FOR YOU!

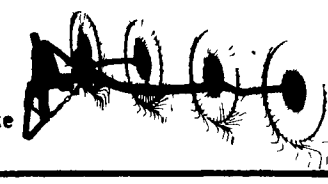
The Best Money Can Buy -

100's of satisfied customers!

Special Offer On Now

QUALITY BUILT RAKES

NOTICE. Rake your hay, straw and corn fodder with an inexpensive, 3 pt Wheel Rake for only **$495.00**



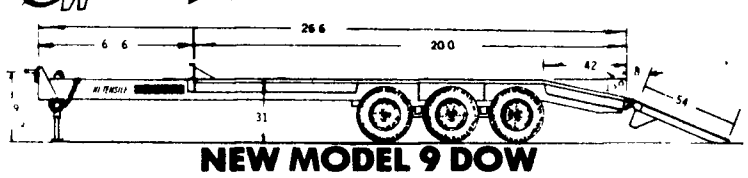
SAVE! SAVE!! SAVE!!!

On New General Eager Beaver Trailers

PRICES YOU CAN AFFORD!

NEW

General Eager Beaver Trailers



NEW MODEL 9 DOW

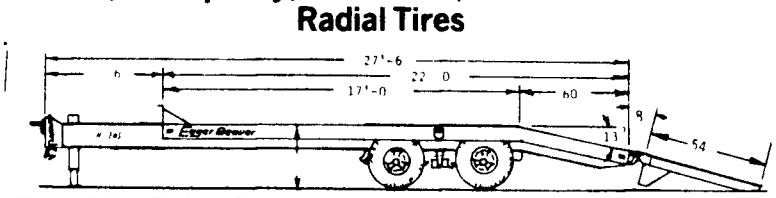
9 Ton, 3 Axle, Electric Brakes, Complete Truck Wiring Harness Kit Including Brake Control

Reg. List Price Setup... $5,500

DISCOUNT SALE OFFER ONLY $3,990

NEW MODEL HA20

20 Ton, Hi-Capacity, Air Brakes, 8.25R15 G Michelin Radial Tires



Reg. List Price Setup $12,695

DISCOUNT SALE OFFER ONLY... $8,950 Plus F.E.T.

ROW CROP CULTIVATORS READY TO WORK!

NEW FARMHAND 4 ROW CULTIVATOR

w/Danish Tines

- Depth Wheel On Each Gang
- Weathered

$1385

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543

Located ½ Mile North of Rothsville

PH: 717-626-4705

Hours: Mon.-Fri. 7 A.M. - 5 P.M.;

Sat. 7 A.M. - 11:30 A.M. Sun. Closed - Lord's Day

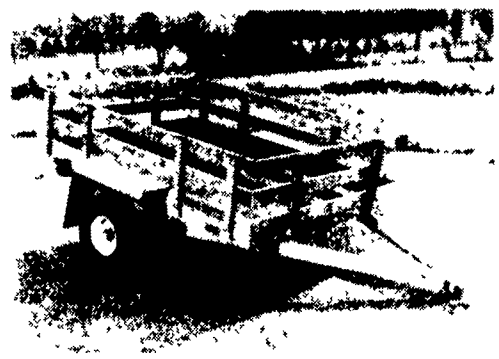
THE PERFECT COMBINATION...

MGS TRAILER PULLED BY THE COMMUTER GRANGER.

The versatility of a pickup at a fraction of the cost found in this economical team.

MGS Trailers **IN STOCK NOW!**

MGS HANDYMAN TRAILER, MODEL HM-72



51" Wide x 72" Long x 19" High Carries 1185 Pounds.

WITH THE FOLLOWING FINE FEATAURES:

- Tires 5.70x8B
- Full Length Steel Frame
- Stake Pockets
- Color: Beige
- Frame Undercoating to Prevent Rust
- Safety Chains
- A-Frame Tongue
- 1 7/8" Ball Connector
- License Holder and Light
- Reflectors
- Mud Flaps

Factory List... $924

SPECIAL INTRODUCTORY DISCOUNT PRICE ONLY..... $690

ALSO INCLUDED IN PRICE IS THIS OPTIONAL EQUIPMENT:

Sideboards, Spare Tire, Tongue Stand, Bearing Buddies.

Yes! We Have In Stock Your 3 Pt. Rotary Cutter

Ready To Go Now!

RHINO & BUSH HOG ROTARY CUTTERS

- Rhino SE 5, 5 Ft., One Year Warranty..... $499
- Bush Hog 256, 6 Ft..... $695

MAKE US YOUR DEALER NOW!

Chain Kit Optional

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

CHECK WITH US FOR SPECIAL CASH PRICES ON USED TRACTORS OR WAIVER OF INTEREST TILL NOV. 1, 1984 OR 8.8% FINANCING

TAKE YOUR PICK ON A USED TANDEM AXLE MANURE SPREADER
- Put 30% Down & Pay Balance 1-1-85, No Finance Charge

N. Idea 218	N. Idea 224	N. Idea 224, 10 Ton, Endgate
8 Ton, Endgate	10 Ton, Endgate	New Graetz Web, Top Beater
$2900	**$3500**	**$3700**

RENTAL SPECIALS - NEW EQUIPMENT

Landoll Soil Controller	Amco F17 Disk Harrow
7 Shank $4500	12' Cutting Width $5700

USED EQUIPMENT

TRACTORS
White 4-150
Ford 3000
AC D15/Loader
Case 730
Case 1390
Case 1090 18.4x38 (New) Power Shift
Case 1170 Cab-Heat 8 Spd. 20.8x38
Case 900 w/Pulley
Case 2090 Cab
Agri Power 9000
AC-B, plow, cultivators

INDUSTRIAL LOADERS
MF 20 Diesel
MF 2200 Diesel
Case 480 Gas
White Backhoe
Case 1737 Uniloader
Hough HFH

FORAGE
Gehl 99 Blower
Gehl 910 box/roof
Kasten Box
IH 56 Blower
Grove box
JD 3800 Harvester
Gehl RC 800 Recutter

NEW IDEA
325/314 Picker Sheller
323 Pickers
325/327 Pickers
702 G Power Unit
702 D Power Unit
710 Combine
743 N Head
767 Harvester
738 4RN Head
272 CutDitioners
763 Head

SPREADERS
MF 205
NI 206
NI 213
NI 214
NI 218
NI 224
NH 371 Flail

MISCELLANEOUS
Martin 2000 Liquid
AC 600 4R Planter
NI 404 Rake
JD 1240 4RN
2 Row Hershey Transplanter
2 Row 3 pt. Mechanical Transplanter
Wetmore 878 Grinder Mixer
ArtsWay 420 Grinder-Mixer
JD 4 Bot. Plow
Moridge 400 Grain Dryer
P Z 2 Swath Tedder

A.L. HERR & BRO.

PARK AVE., QUARRYVILLE, PA 17566 PHONE: 717-786-3521

case AVCO NEW IDEA GEHL Gets into your system BUSH-HOG

NOTICE...SPECIAL INTRODUCTORY OFFER

THE FARMERS ALL-AROUND 9 HP STEP SAVER

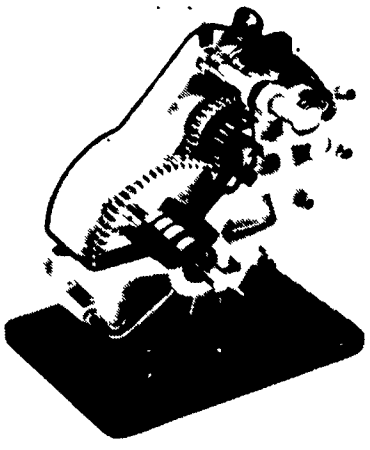
Commuter

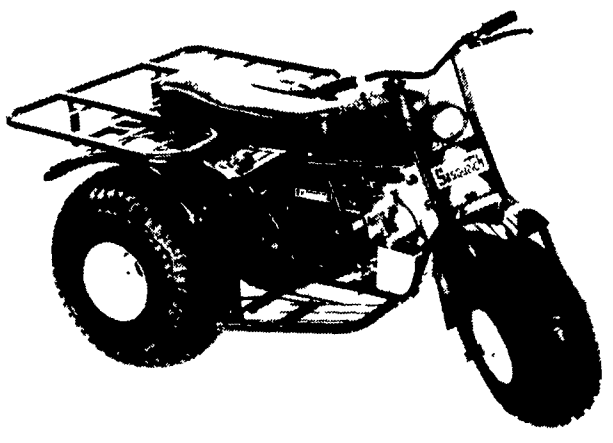
INDUSTRIES, INC — CASCADE, IOWA 52033

"The modern day horse"

Commuter is a modern means of providing dependable transportation for all types of farm and ranch work. A vehicle with many uses such as mending fences, herding livestock, checking the irrigation, and general all around the farm work

ENCLOSED GEAR DRIVE
transaxle drive—no chain





The transaxle drive which is an enclosed gear reduction case, eliminates all daily maintenance normally needed with chain drives.
Rack optional.

Go Ahead, Load 600 Lbs. On Your Commuter And Ride Away From All The Foreign Made Toys!

BUILT IN AMERICA FOR THE AMERICAN FARMER

In Stock! **Stop By Soon!**

SPECIAL OFFER... GRANGER MODEL **$1,698** Including Optional Rack

Sasquatch 340 — 340 GRANGER

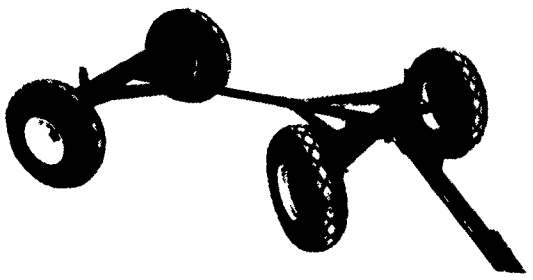
BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd. Lititz, PA 17543
Located ½ Mile North of Rothsville
PH: 717-626-4705
Hours: Mon.-Fri 7 AM- 5 PM; Sat. 7 AM - 11:30 AM, Sun Closed - Lord's Day

---

Hey... **Looking For A**

HEAVY DUTY 30,000 Lb. Capacity Wagon w/Hydraulic Surge Brake on 12.5x16 14 Ply Tires w/80" Tread Width And A Towing Hitch All For A Low Price of $2050.00



Tires in prices are not diamond tread.

MODEL RGE-15 SPECIFICATIONS

Rated Capacity	30,000 lbs
Tread Width	80 inches
Wheelbase (adj every 6")	96-144 inches
Front Spindles	2½-inch bent
Rear Spindles	2½-inch straight
Hubs	8-bolt
Axles	7 inch I-beam
Hounds (channel type)	3/16-inch formed steel
Reach Pole	94x3 3/8 inches OD
Bolsters	42-Inch
Steering	Heavy duty truck type
Brakes	Std. 2W rear
Tongue	Extendable (spring counterbalanced)
Height (to bolster top-approx)	28 inches
Ground Clearance (approx)	15 inches
Weight (less wheels & tires)	1160 lbs

Remember You Get All This For Only... $2,050.00

---

case **MODEL 90 LOADER**

SPECIAL OFFER... ONE ONLY
BRAND NEW CASE 90 SERIES LOADER
Designed for 100 HP tractors and over, with mounting bracket & 96" wide material bucket.
SPECIAL OFFER ONLY $3,985

Also Special Offer To Farmers & Dealers!

We have in stock over 40 brand new Farm Loader Buckets to fit IH 2000 Series and almost all Case Loaders, such as Models 60 - 65 - 70 - 56 - 74L - 75 - 80 - 85 - 90 Series Loaders.
Also adaptable to other brands.
SIZES INCLUDE: 60", 66", 72"
YOUR CHOICE $221.00 EACH

NEW! 3 PT. Fertilizer Spreader and Seed Caster

Accurately Broadcasts All Powdered And Granular Fertilizers and Herbicides, Seeds, Salt and Sand
- Spreads up to 40 ft swath
- Rugged all steel construction
- Epoxy finish protects against rust and corrosion
- Instant on/off

Choice of 3 Spread Patterns
• Left • Full Rear • Right Spread

- **1M MODEL 1010** 10 Bushel Size **$329.00**
- **1M MODEL 610** 6 Bushel Size **$284.00**

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543
Located ½ Mile North of Rothsville
PH: 717-626-4705
Hours: Mon.-Fri. 7 A.M. - 5 P.M.;
Sat. 7 A.M. - 11:30 A.M. Sun. Closed - Lord's Day

MF 200 Diesel crawler ldr., canopy, counter weights, 4 & 1 Bucket, Machine is like new
JD 350 B Diesel Crawler ldr., canopy, counter weights, hyd. steering, very nice
Int 2504 Tractor ldr., Backhoe, gas, very low hours, 24" & 36" bucket
MF 202 Diesel tractor ldr, Backhoe
Int. 3414 Diesel Tractor ldr., Backhoe
Massey Ferguson Backhoe attachment, 14" hoe
JD 1010 gas crawler dozer w/winch
JD 420 gas crawler Dozer, Canopy & Winch
JD 40 Crawler Dozer
Case 530 Diesel Tractor ldr., Backhoe, nice
JD 1010 Gas Tractor Ldr., Backhoe

JOHNSON FARM EQUIPMENT
Rt. 1, Triadelphia, WV
304-547-0724

JOHN DEERE *Nothing runs like a Deere*

CLUGSTON IMPLEMENT, Inc.

SPECIALS

MF 1135 w/Cab & Air

USED TRACTORS
JD 4010
JD 3020
MF 1135 w/cab & air
Ford 9N
Farmall A

NEW TRACTORS
JD 4250 SG, PS, MFWD
JD 4250 4 Post, PS
JD 2950
JD 2950, SG
JD 2950 MFWD
JD 2750
JD 2550 MFWD
JD 2350 MFWD
JD 750
JD 650
JD 300B Loader & Backhoe

USED CORNPLANTERS
IH 56 4 row
JD 7000 6RN w/min. till attach.
White 5400 6RN No-Till & Plateless

COMBINES
JD 30

USED HAY & FORAGE EQUIPMENT
IH 1190
JD SP 5720 Fg. Harvester, 295 hrs. 3 heads (Repossessed)
JD 5440 SP Fg. Harvester, 4 WD, 1180 hrs.
JD 1209
JD 2 Row Narrow Corn Heads
NH 2 Row W 880 Head
NH 269 Baler w/Thrower
JD 24T Baler w/Thrower
Fox 2000 Harvester w/heads
JD 336 Baler
NH 26 Blower
JD 65 Blower
JD Rake

USED MISCELLANEOUS
200 Gal. Sprayer
Post Hole Digger

NEW SPREADERS
NH 519, 679, 791
Martin S1466 Scavenger
Martin Equalizer
H&S 295 Spreaders

NEW HAY & FORAGE EQUIPMENT
NH 782, 892, 892 w/metal Alert Fg. Harvester
JD 5720 SP Fg. Harvester w/Iron Guard
JD 3960 Fg. Harvester
JD 327, 337, 347 Balers
JD 430 & 530 Balers
NH 316 Balers
NH 849 Round Baler
NH 489, 495, 499 & 1495 Haybines
NH 256 Rake
JD 660 Rake
H&S Fg. Wagon
H&S Bale Wagon
Kuhn Hay Tedders & Rakes
Kuhn 10' Disc Mower/Cond.

NEW PLANTERS
JD 7000 4 & 6 Row Consv.

NEW DRILLS
JD 8250 14x7
JD 8300 18x7

NEW TILLAGE
JD 950 Roller Harrow
JD 2600 4B Plow
Haybuster No-Till Drill Also for Rent

NEW SKID STEER LOADERS
NH 445, 555
Bobcat 643, 743, 843

NEW MISCELLANEOUS
Demco Sprayer 600 gal.
JD #27 Flail Shredder

Ask About Waiver of Finance
on NH & JD Equipment
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

bobcat SPERRY NEW HOLLAND

W.F. WELLIVER
Jerseytown, Pa. 17815
717-437-2430

AVCO NEW IDEA

NEW IDEA 802 UNI-TRACTOR
With Power Assist, Cab, Air, 175 H.P. With 818 Combine; Auto Height Control and 840 Feeder House

FULL FACTORY WARRANTY

FULL LIST PRICE w/FREIGHT	91,016.00
SAVE.. SAVE.....	28,006.00
OUR PRICE....	**$62,100.00**

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

SPECIALS
S.G. LEWIS AND SON, INC.
352 N. Jennersville Rd., West Grove, Pa.
215-869-2214 or 215-869-9440

SPECIALS ON NEW SPERRY NEW HOLLAND EQUIPMENT - 2-YEAR WARRANTIES

NH 519 Spreader w/Fine Manure Pan	$3,550
NH 791 Spreader w/Splash Guard, Endgate, Fine Manure Pan	$6,650
NH 472 Haybine	$6,500
NH 489 Haybine	$7,500
NH 892 Harvester w/Metal Alert	
NH 824 Corn Head	
NH 880W WD Pick Up	$15,825
NH 320 Baler w/Hydro Formatic	
NH 70 Thrower	$9,825
NH 38 Crop Chopper	$3,975
NH #8 Crop Carrier w/NH 238 Wagon	$6,475
NH #8 Crop Carrier w/Wagon Box, Cover Extension Sides, Third Beater Attachment	
NH 238 Wagon	$2,050

WENGER'S IS E-X-P-A-N-D-I-N-G TO SERVE YOU BETTER
Used Parts — East Coast's Largest

(100) COMBINES - DISMANTLING FOR PARTS
JD 7700-6600-4400-3300-95-55-45-40-12A
IH 815-615-315-403-303-203-205-105-101-93-91 141-127-64-76
MF 760-510-410-300-92-72-35-26-Clipper
Gleaner CII-EIII-A-E-60
Uni 705-704-702-701-717-710-Etc.
Case 960-660-600
NH 975-985
MM 4296-Oliver 525-535
Over 100 Corn & Grain Heads For Salvage

(100) HARVESTERS - DISMANTLING FOR PARTS
JD 38-35-34-12-8-6
IH 650-550-55-59-350-16-15
Fox 2200-2000-1000-546-FA
NH 880-818-800-S717-717-770-616
Gehl 600-300-188-84-83
Case 300
Ford & Papec

PICKERS - DISMANTLING FOR PARTS
NI 331-311-305-10-7
JD 237-227
IH 2MHD-2MH-2ME
Ford Blue 1 Row & 2 Row
Woods

SPREADERS — CORNPLANTERS — HAY CRUSHERS — BLOWERS — CORN SHELLERS — CULTIVATORS — PLOWS — CULTIPACKERS — CULTIMULCHER — DRILLS — RAKES — SICKLE — MOWERS — NI 7' & 9' CUT DITIONERS

HAYBINES - DISMANTLING FOR PARTS
IH 225-201
JD 480
NH 490-460
Hesston PT10
OMC 29-25
Case 950

CONSTRUCTION - DISMANTLING FOR PARTS
AC HD3, HD4, HD5, HD6, 1600
Case 310, 320, 530, 580, 680
Cat D2 5U
Cat D4 7U
Cat 933 11A
Cat 955H 60A
Cat 977 20A
Ford 4500
IH TD6, TD9, TD14A, T6
IH 340, 100C, 125C, 175C, 500
IH 350, 3444, 3400, 3600
JD 420, 440, 350, 450
JD 540, 540B Skidders
JD 544B Loader
JD 300, 400, 500
Oliver HG, OC3

(50) BALERS - DISMANTLING FOR PARTS
JD 336-214T-24T-14T
NH 280-269-78-569-69-68-67-66
IH 57-47-37-27-55-45
Oliver 720
MF10
AC 303
Case

FARM TRACTORS DISMANTLING FOR PARTS (Over 2000)
AC: 220-210-200-D21-190XT-190-D19-D17-D15-D14-D12-D10-WD45-WD-WC-G-CA-C-B-Etc.
Case: 970-770-1030-930-830-730-630-530-430-800 Series-700 Series-600 Series-500 Series-400 Series-300 Series-200 Series-DC-SC-VAC-LA-990-880-Etc.
Ford: 9600-9000-8000-7000-6000-5000-4000-3000-2000-900-800-700-600-NAA-Major-Dextra-8N-9N-Etc.
IH: 1466-1066-856-756-666-656-1206-806-706-606-660-574-454-464-444-560-460-544-504-424-404-450-400-B414-B275-350-300-240-230-200-140-130-100-Super A-Cub-154 LowBoy-Super C-A-B-BN-C-H-M-MD-MTA-W4-W6-W9-Etc.
JD: 4430-5020-4020-3020-2020-1020-2520-5010-4010-3010-2010-2510-1010- 435-830-730-630-530-430-820-720-620-520-420-80-70-60-50-40-MT-M-R-G-A-B-H-Etc.
MF: 1130-1100-180-175-165-150-135-Super 90-85-65-50-40-35-30-20-Etc.
Long: 560-460-445-360-350-Etc.
MM: G1000-670-302-445-335-5 Star-4 Star-3 Star-2-UB-U-Etc.
MH: 444-44-33-101-30-22-Junior-Pony-Etc.
Oliver: 1950-1850-1755-1750-1650-1550-1450-1250-1800-1600-880-770-660-99-70-60-88-77-66-550-55-Etc.

PARTS CALLS TAKEN 7:30 AM to 5:00 PM WEEKDAYS
7:30 AM to 12:00 NOON SATURDAY
(Please, No Calls After Hours)
PROMPT SHIPMENT — CASH SALES ONLY

WENGERS INC.

LONG

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

PHONE: 717-866-2135

NIGHTS, PHONE: 717-866-7147 or 717-273-9089

FINANCING AVAILABLE WITH 20% DOWN - UP TO 5 YEARS

JOHN DEERE TRACTORS

4020D Powershift-As Is	$4900
4020D w/Duals	$6800
4020D-Powershift-Console	$6400
4020D-As Is	$4600
4230-4 WD-Cab-Quad-Excellent	$16,800
4430-4 post-20.8x38-1975	$7900
4430-4 post-20.8x38-1975	$8400
730D-Try-3 pt.-Direct Ele.	$3500
720D-WF-3 pt.-Nice	$3500
4520 w/Duals-Nice	Coming in
430 Utility-3 pt.	$2950
720D-Try-3 pt.	Coming in
R-Diesel	Coming in
80 Diesel	$3750
820 Diesel-2 cyl.	Coming in
50-Fair Condition	$900
330-Utility-Clean-3 pt.	$5850

FARMALL TRACTORS

1466-Cab-Air-Nice	$10,800
1066	Coming in
560D-FH-WF-Nice	$3500
Super A-Nice	$2500
Cub w/Cultivator	$1650
340-Try-PS-FH-Nice	$2950
404-Utility-3 pt.-Nice	$2950
B414-PS-Utility-3 pt.	$2950
Super M	$1100
H	$600

OTHER TRACTORS

AC B w/plow, cult.-nice	$1895
Ford 9600 w/Cab-As Is	$5500
Case 830D-WF-3 pt.	$4800
MF 30 w/Loader	Coming in
AC D19D-WF	$3500
Oliver 1800D-WF-3 pt.	$3900
MF 1130D-As Is	$4500
Ford 9N	Coming in
Long 560-4 WD-w/Loader	$6800

NEW TRACTORS

Mitsubishi Bison 4 WD
Case 1190
Long 310 4 WD w/Loader
Long 360
Long 360-4 WD
Long 460-4 WD

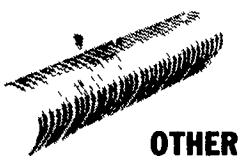
SPECIAL PRICES ON ALL NEW EQUIPMENT

ROTARY MOWERS

4' 3 pt	$385
5' 3 pt	$395
6' 3 pt	$645
7' 3 pt	$1295
4' pull	$545
5' pull	$595
6' pull	$795
7' pull	$1495
5' 3 pt Estate-Hd	$1295
6' 3 pt Estate-Hd	$1295

3 PT. SCRAPERS, ETC.

6' Blade	$175	7' Landscape Box	$595
7' Blade	$195	6' Stone Rake	$495
8' Heavy Duty Blade	$595	7' Stone Rake	$550
6' Landscape Box	$495	8' Stone Rake	$595



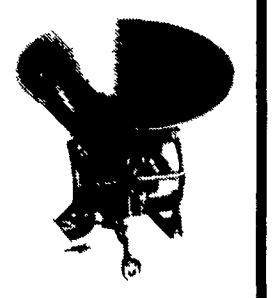
3 PT. ROTOVATORS

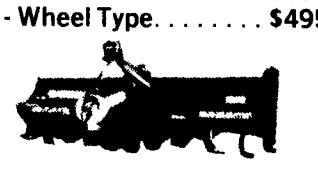
55" HD.	$1295
60"	$1095
71" HD.	$1695
72"	$1395
88"	$1695

MORE SIZES AVAILABLE

OTHER NEW BARGAINS

6½' 3 pt. Disc.	$495
1 Row 3 pt. Cultivator	$95
3 pt. Potato Plow	$95
3 pt. Boom Pole	$79
3 pt. Boom Pole - HD	$179
12" 3 pt. Post Hole Digger	$495
9 Tooth 3 pt. Chisel Plow	$495
3 pt. PTO Woodsaws	$450
3 pt. Seeders	$395
2 Axle 4 Ton Trailers	$1450
1200 Bushel Corn Crib	$895
3 pt. Hay Rakes - Wheel Type	$495





NEW IDEA UNI SYSTEM ATTACHMENTS

731 4x40 Cornheads
844N Cornhead
743N Cornhead
725 & 735 3x30 Cornheads
High Moisture Throat
766 Pickup Head

BALERS

NH 315 w/Thrower
NH 77
JD 24T

CLEAN COMBINES

MF 510 Diesel QT
JD 45 SB
Oliver 525

WAGONS

Feeder Rack w/Gear
(3) Metal Bale Throw Racks
(4) Flat Bed Wagons
Wooden Bale Throw Rack
Gehl Forage Wagon

CORNPLANTERS

IH 400 4X No Til
IH 2X Fast Hitch
Ford 6X Pull
JD 1240 Plateless
JD 246 - 3 pt.

SPRING TOOTH HARROWS

JD 8' Drag | 12' 3 pt
11' Drag

FLAIL CHOPPERS

NH 36

LOADERS

Ford Off 8N
JD Off 300
Freeman Of 880 Brown
IH 2000 Off 504
AC Off 1600
IH Off 464
JD 36 Off 2010
Davis Off 800 Ford

MOWERS

NH 451 Sickle
Oliver 3 pt. Sickle
Brillion 7' 3 pt Flail
Mott 4' Pull w/Engine
Bush Hog 13' Rotary
Imco 6' Pull Rotary
IH 27 Semi Sickle
Modern 7' Pull Rotary
MF 3 pt Sickle
JD 38 Sickle
(3) Ford 3 pt Sickle
Mott 3 pt. 6' Flail
JD 9W 3 pt Sickle
Woods 42" For Cub
JD 6' 3 pt. Flail
JD 5' 3 pt Rotary

GRAINHEADS

25 on stock to fit most Makes and Models

MISC. EQUIP.

IH Cub Snow Plow
NH PTO Bale Thrower
2X Pull Transplanter
4X Pull Stalk Chopper
Toro Thatcher & Vacuum Combo
Lely Pull Fertilizer Spreader
IH Super A Side Dresser
IH Cub Side Dresser
IH Cub Fast Hitch Attach
Kuhn PTO Tedder
Lely Roterra
Clay 1500 Gal Honey Wagon w/Injectors
Danuser 3 pt Post Hole Digger
2X 3 pt Transplanter
1X Pull Transplanter
Niemeyer PTO Tedder

CHISEL PLOWS

9 Tooth 3 pt
Landoll 10' Mulch-Chisel
11 Tooth 3 pt
12 Tooth 3 pt
7 Tooth 3 pt
10 Tooth 3 pt
5 Tooth V Chisel
Taylor Subsoiler

DISC'S

JD KBA 28
IH 10' Transport

SHELLERS & GRINDERS

JD 43 Pull Sheller
JD 43 3 pt Sheller
MM 1200 Sheller
NI 315 Sheller Attach.
NI 314 Sheller Attach
NI Super Sheller Attach
NI 317 Grinder Attach
NI 318 Grinder Attach.

CULTIPACKERS

Brillion 14' w/Transport
9' Sprocket Packer
Brillion 12' Mulcher
Brillion 10' Packer
JD 8' Mulcher

TRUCKS

1974 Ford Single Axle Diesel Tractor $6300
1970 Ford 900 Single Axle Construction Dump $7700
1977 Chevy Pickup $2350
1947 Ford Fire Truck. $2950
1976 Ford Louisville Diesel w/24' Rollback $22,500
1982 Ford Pickup $6950
1981 Chevy Pickup $6950

HAYBINES

NH 488

POTATO EQUIP.

Oliver 1X PTO Digger
Iron Age 2X Planter

PLOWS

Oliver 4X Reset
JD 1350 5x16 Semi
(2) JD 3x16 3 pt. Trip
(2) JD 2x16 3 pt. Trip
PITTS. 1x12" 3 pt.
(2) Ford 2x3 pt. Trip
JD 1X Reset Add On
AC 3X SC
MF 3x16 Rollover
Oliver 2X 3 pt

FIELD CULTIVATORS

IH 12' 3 pt
JD 12' 3 pt
JD 18' 3 pt.
Glenco 13' 3 pt

SPREADERS

NH Tandem Axle
IH Cub
NI 217

ROLLBARS & CABS

IH 2 Post w/Roof
JD 2 Post w/Roof
JD 4020 Cab
DB 1200 Cab
Ford 9600 Cab w/Air
Case 1030 Cab

HARVESTER HEADS

NH 2x30 for 717 or770
NH 1X for 717 or 770
NI 1X Snapper for 717 or 770
NH 717 or 770 Pickup Attach
NH 880 or 890 Pickup Attach
NH 2x30 Snapper for 880 or 890
NH 3x30 for 880 or 890
NH 818 Pickup Head
JD 243 Snapper Head
JD 3x30 Chopper Hd
Fox Pickup Head
Fox 2x30 Cornhead
NH Cutterbar for 717 or 770
NH 3x40 Chopper Head
Fox 2x30 Snapper Head
Fox 2x40 Snapper Head
Fox 3x30 Snapper Head
Gehl 2x30 Snapper Head
IH 2x30 for 50-550-650 etc.
IH Pickup Heads for 50 to 650
IH Sickle Bar for 50 to 650
IH Pickup for 15-16-350
NH 2x30 for 880 or 890
JD 2x30 for 38

HARVESTERS

NH 890

CULTIVATORS

IH 4X 3 pt
JD RM4-4X 3 pt
IH Cub 1X
IH 2X For H or M
JD 2X For H
JD 2X For 420
(2) 2X 3 pt
(2) IH Super "A"
IH 468 4X Front Mtd

COMBINE CORNHEADS NARROW ROW

AC A330, FL330, LM430, G430, C II 430, C630
JD 313, 334, 434, 435, 343, 643, 443
IH 329, 429, 733, 743, 833
MF 321, 33, 43, 63
NH 4x30, 4x30 QT
Oliver 3x30, 4x30, 703N, 704N
Case 3x30

CABS FOR THE FOLLOWING COMBINES:

IH 815, 615, 315, 403, 303, 203
JD 4400, 3300, 55, 45
MF 760, 510, 410, 300
AC C II, E
Case 660 | NI 701, 702
NH 975 | Oliver 535

COMBINE CORNHEADS WIDE ROW

AC E240, E III 240, KL238, A240, C440, G440
JD 205, 210, 234, 235, 334, 434, 244, 344, 444
IH 227, 228, 229, 724, 327, 429, 744, 824
MF 22, 222, 322, 422 24, 44
NH 2x40, 4x40 QT
Oliver 2x40, 3x40, 4x40
Case 2x40, 4x40

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- 2 Axle, 4 Ton. $1500

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Ford 4500	$9600
Ford 5500	$12,800
IH 260A	$14,900
IH 3414	$6900
Ford 800	$5600
IH 3514	$6600
Case 580C	$21,700
Case 580C	$20,600
Case 580C	$19,800
Case 580C	$18,400
IH 3500	$8800

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(4) Mack 25 Ton Rock Trucks From $38,600
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BACKHOE ATTACHMENTS

JD - Ford - IH - Case
AC - Long
McConnel

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OMC 1700 Diesel	$6400
IH 4150 Diesel	$8300
Melroe 720	$7200
Case 1737	$5700
Gehl - As Is	$1900
Melroe 731D	$7800
Case 1740D	$6200

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IH 2400	$7600
MF 50A	$5900
Ford 4400	$6400
JD 301A	$6700
Long 560 4WD	$6800

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JD 540A	$9600
JD 540B	$24,700
JD 540A	$11,800
JD 440A	$8800
Clark 666B w/Grapple	$17,700
JD 540	$9600
JD 440A	$8400

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JD 430	$4800
Cat D8H	$24,700
Cat R2	$2600
Oliver OC3	$1900
IH TD7E 6 Way 1977	$19,600
Cat D4C	$12,700
IH TD6-62 Series	$5900
IH T6	$3400
Case 350B-6 Way-1979	$18,200
Case 350B-6 Way	$18,600

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Cat 941 w/4 in 1 bkt	$23,700
Cat 941 -	$19,800

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AC 840	$19,400

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IH F350
IH I-460 w/Loader
IH F460D
IH F460 Gas
IH F826D
IH 234D
JD 1010
JD 2440 w/Loader
AC WD 45
AC 1B
Oliver 70

Spreaders
IH 530
NH 679
Hawk Built 187 Spreader

Plows
IH 211 Plow
IH 311 2 Pt.
IH 312 Plow
IH 560 Plow
IH 550 Plow
IH 540 4F, 14"
IH 3F Mtd. Disk Plow
IH 5500 Chisel Plow, 7 Ft., 2 Rank
Taylorway Chisel Plow

Combines
SP IH, Model 205 Corn & Grain
SP IH #91
SP MF #35
MF 510 w/43 Cornhead
NI 710 Uni Combine
NI 725 Cornhead
IH 743 Cornhead

Cornpickers
IH 234
NI 325 2-Row, 30"
Oliver 1-Row

Tillage
IH 8 Ft. Disk
IH 45 Vibra Shank, 18½'
IH #24 Offset Disk

Skid Loaders
IH 2001
Bobcat 543
Bobcat 600
Bobcat 642
Bobcat 700
Gehl 3000
Schwartz
Dunham

Miscellaneous
NI 32' Elevator
200/300 Gal. Sprayers

Lawn & Garden Tractors
Craftsman 10 H.P w/Mower
IH 382 Cadet w/Mower
IH 147 Cadet w/Mower
IH Cub 154 Lo Boy w/mower
IH 122 Cadet w/Mower
IH 782 Cadet w/Mower
IH Cadet 80
IH 60 Riding Mower
IH 75 Riding Mower
MF 7 w/Mower
MF 12 HP w/Mower
AC B10 w/Equipment
JD 110 w/Mower & Snow Blower
P.K. 2418 w/Equip.
Ford LT75 w/Mower
Bolens 14 Hp.
GE Electrak w/Mower

Planters
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Ontario 13x7
IH 449 4R
IH 56 2 Row
IH 56 6 Row
Vicon 600 Seeder
Ford 2 Row, 3 pt.

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Grove 14' For. Box
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NH 23 Blower
NH 478 Mower Cond.
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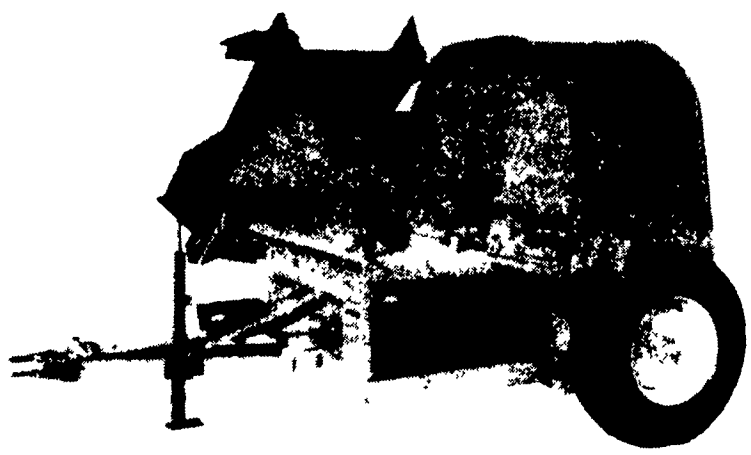

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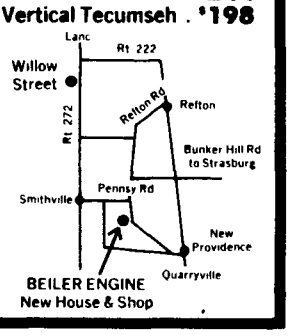

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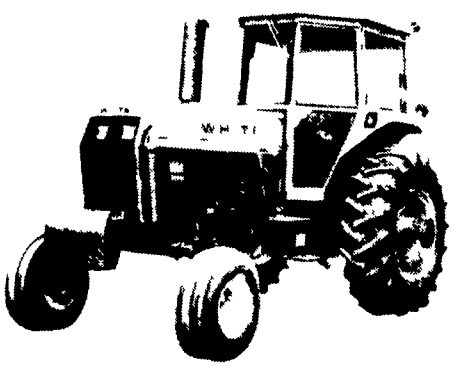

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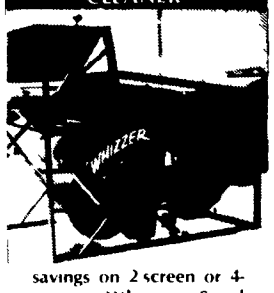

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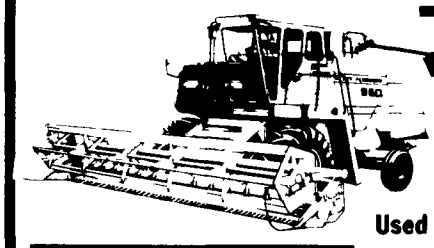

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- 1970 MF 510 Diesel . $12,500
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- MF auto reset 3 pt. 3x16" plow - special price $2,500

USED EQUIPMENT

- NH 10' Offset Disc. . . . . $ 4,200
- Glenco 9 tooth soil saver. $ 6,700
- MF 55 2 way plow . . . . . $ 700
- White 216 plow . . . . . $ 575
- Oliver grain drill
- Miller 10' offset disc . . . . $ 2,000
- Kewanee 18' hydraulic wing disc . . . . . $ 3,200
- NH 707 harvester . . $ 1,400
- JD 1 row corn binder. . . . $ 600
- Fella hay tedder . . . $ 1,200
- JD 8' disc. . . . . $ 400
- Stanhay seed planter . . . $ 800
- MF 345 416 spring trip plow. . . . . $ 1,700
- MF 82 416 spring trip plow. . . . . $ 600
- MF 3 pt. fork lift. . . . . $ 700
- MF 730 offset 13' disc. . $ 3,500
- Ontario 16 grain & fertilizer drill . . . . . $ 900

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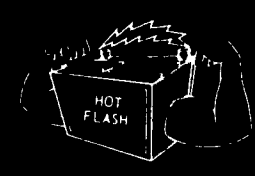

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JOHN DEERE

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Stewartstown, PA

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or
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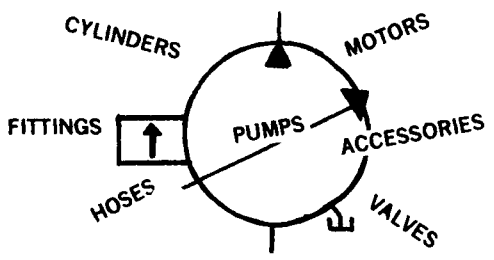
HYDRAULICS

New & Used



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- 28 GPM 2 Stage Pump $295
- 4x24 Cylinders..... $109
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- Automatic Valve 25 GPM $59

22 Series Sundstrand Motor (Rebuilt) $700

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450 Arts-Way Mill Mixer and Silamix Feed Cart w/Digital Scale

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NH 273 Baler w/Thrower
AC Baler w/Thrower
357 Hawk Built Spreader
200 & 300 Gal. Sprayers w/Booms
MM Jet Star Tractor
6 Ft. Mott Flail Mower

Lots of Good Used
Lawn & Garden Tractors

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NEW EQUIPMENT

784
684, 4 wheel drive
274 w/cultivators
284 4WD
1420 combine, demo
475 disk 17'5"
18x7 comb. drill
370 disc, 11'6"
720 auto. reset 5 btm
2250 loader
#50 Shredder
800 Cyclo planter, 4 row

1420 Combine with 810 head

USED EQUIPMENT

2 NEW HOLLAND TRANSPLANTER, TRACTOR DRAWN, MINT CONDITION

IH 674 RC
IH 574 RC
Ford 801
500 crawler
Farmall M WFE
Haines bulk bodies
Ziggy bulk body, 16'
Mayrath auger 6"x27'
Massey Harris drill 16x7
IH 234 cornpicker
Potato planters
JD 2 row potato digger
IH 2 row potato digger
IH forage blower
Gehl 4500 skid loader
IH 3120 backhoe
John Bean 3 pt. hitch sprayer
400 Cyclo planter 4 row
Friend Sprayer, 300 gallon
IH 310 Plow, fast hitch

IH 56 2 Row Trail Corn Planter, Very Nice Shape

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New Holland 975, good condition, tires ¾ plus, good paint. Always under cover, $3,500;
JD plateless, 4 row, no-till corn planter, very good, $2,000
Lancaster County

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NI 5 Wheel rake
NH #518 Manure Spreader
NI #224 Ton Spreader
NI #245 Spreader
NH #519 Spreader
Ford #535 Mower Cond.
NH 358 Grinder Mixer w/scales like new
IH 1150 Grinder Mixer w/scales like new
14' Cultimulcher, Like new
Super A Farmall
AC B

USED TRACTORS

XT 190
AC 220
Ford 860
Case 2290, like new
Used Lawn & Garden Tractors w/mowers

NEW EQUIPMENT AT USED PRICES
Many Models
New Holland
Spreaders

NEW EQUIPMENT

18'6" Amco Disc, $9800.
Bale King Hay Wagons
NH Skid Loaders
Hub Tool Elevators formerly N.H.
Gleaner Combines

NEW HOLLAND MANURE SPREADERS

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MF Massey Ferguson

TRACTORS & EQUIPMENT

MF 20 Tractor w/Loader
MF 30B Tractor w/loader & cab
MF 40 Diesel Tractor w/Loader Backhoe
AC D17 Dsl. Tractor
MF 50 Tractor w/Loader & Backhoe
Ford NAA Tractor
MF 760 Combine w/Attchs.
IH 440 Baler
NH 320 Baler w/thrower
NH 269 Baler w/thrower
NH 510 Manure Spreader
NI 213 Manure Spreader
MH 35 Combine

NEW M.F. EQUIPMENT

MF 50 F Tractor w/Loader & Cab
MF 285 Tractor
MF 245 Tractor
MF 1030 Tractor
MF 1010 Tractor
MF 20 Turf Tractor
MF 236 Loader
MF 236 Loader to fit MF 184-4 Tractor
MF #43 2B Plow
MF 820 Disc Harrow
MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 18 Scarifier Scraper Blade
MF 124 Baler w/Thrower
MF 218 3 pt. Rotary Cutter
MF 222 Scraper Blades

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Halifax, PA 17032
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FORD TRACTORS

New TW 20 w/cab, 4WD, air
New 7710 w/Sycro. Trans.
New 6600
New 1510 w/Ag Tires
New 1710 w/Powersteering
Used 140 5B 16" Auto Reset Plow. Ex. Cond.

SPERRY NEW HOLLAND

NEW HOLLAND

New TR70 Combine w/cab, air, heater, w/cat. engine and lots of extras
New 13' flotation header and cutter bar, w/ hume reel
New Harvesters - 707, 718, 782
New L35 gas, L325 gas skid loaders
New 358 Grinder Mixer
New 367 Tank Type Manure Spreader
Used 975 Combine w/11' head
Used 718 Harvester w/2 heads

AVCO NEW IDEA

NEW IDEA

NI 406 rake
NI 323 one row corn pickers
NI 3 pt. Hitch Fertz. Spreader

New Glencoe 12'9" Finishing Harrow
Glencoe Soil Saver Stretch 7 Shank
Glencoe Soil Saver 5 Shank
Amco Heavy Duty 12' Disc Harrow
Used IH 550 Harvester w/Windrow PU & 2R Corn Head

First with its Water-Reel Customers.

Ag-Rain, the leading traveling sprinkler manufacturer in the U.S. for over 15 years, now is first again with the most complete line of Water-Reel hard hose travelers ever offered.

Over the years Ag-Rain has earned a reputation for high value and dependability. With this continued dedication to product quality and service, Ag-Rain continues to offer the latest in engineering design, product improvements, simplicity and ease of operation.

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- Low, one-man labor requirements.
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- Swivel reel turntable on most units.
- Wide range of constant travel speeds.

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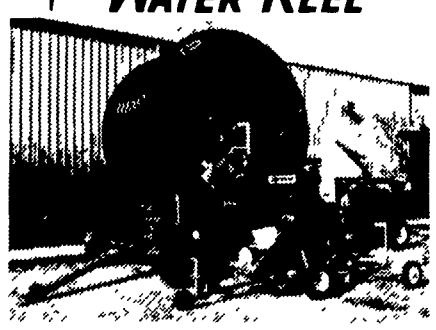

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(1) Ford 8700, no Cab & Roof
Ford 8000
Ford 4000 SU Tractor
Ford 5000 w/Gas
(1) Ford 555 14' Tractor/ Loader/ Backhoe
Ford 750, 550, 555 Tractor, / Loader,/Backhoe, cab
Ford NAA w/Loader
AC D17 Tricycle
900 SOS Gas
IH 784
AC 5040
6600 w/Cab
6600 w/Factory Cab
7710 1 yr. old, 400 hrs.

7600 2WD

EQUIPMENT
(1) NH 328 Spreader
(3) NH 518 Spreaders'
IH 830 Fg. Harvester, Corn & Hay Heads
Farmhand Wheel Rakes
NH 320, 315, 273 Balers w/Throwers
IH #27 Baler w/#10 Thrower
IH 440 Baler w/Thrower
IH 203 Combine w/Grain Head
IH 315 Combine 3 R Narrow Head & 11' Grain Head
Bearcat #72 Flail Chopper
(2) Ford 9 tooth Soil Saver
Lawn & Garden Tractors w/Mowers & Snow Blowers

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1 - Roskamp (Workhorse) Rollermill. 9"x30" Rolls with Blower discharge
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USED EQUIPMENT

TRACTORS

IH 1066	$10,500
IH 656D, Reconditioned	$ 6,400
JD 4440 w/SG, 500 hrs.	$30,000
JD 4020 w/PS, WF	$12,900
JD 850 w/Blade 100 hrs.	$ 6,000
JD 1050 4 Wheel w/Loader	$ 9,500
IH M Diesel	$ 1,200
Ford 8N w/Blade	$ 2,500
JD A	$ 1,100
IH 1486 w/Duals	$19,500
IH 706 Gas, Excellent	$ 6,000

COMBINES

82 JD Sidehill w/15' Flex Head	$69,000
78 MF 750 w/Heads	$28,000
78 JD Sidehill	$40,000
77 JD 6600 Sidehill w/Cornhead	$29,000
68 JD 45	$ 5,000
White 8900 w/Heads	$29,000

JD 1978 Sidehill w/Heads Special Price

PLANTERS

JD 6 Row Consv. w/Liquid Fert.	$ 9,000
JD 4R MAX-EMERGE	$ 5,500
JD 4R MAX-EMERGE	$ 4,500
JD 1240 Plateless	$ 1,500
AC 6 Row #333 w/Notill Coulters	$ 6,500
Brillion 10' Roller Harrow	$ 1,100

TILLAGE

Ford Field Cultivator	$ 1,750
Pittsburg 12' 3 pt. Harrow	$ 590

HARVESTING

NH Super 717 Harvester	
JD 3800 Harvester w/3 heads	$ 5,500
JD 1209 Mower/Conditioner	$ 3,500

TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
Phone: 717-362-3132

Badger JOHN DEERE HESSTON FARM EQUIPMENT

USED EQUIPMENT

TRACTORS
JD 2240 w/Loader
MF 265 Diesel
AC 190XT New Engine
IH Cub w/Mort Mower w/Plow
JD Cyclone B
Suzie Diesel w/Loader

CORN PLANTERS
JD 7000 Wide Row Nice
JD 7000 Narrow Row
JD 1240 Plate Planter
JD 494A Planter
IH 3 pt Planter
JD 290 Planter
JD 2 Row Plateless

HAY & FORAGE
IH 990 Mower Cond
Gehl 9' Mower Cond
640 JD Rake
JD 214 Baler
NH 717 w/2 Row Head
NH 707 3 pt w/2 Heads
NH 880 No Heads

TILLAGE
JD AW 12' Disk
JD RWA 10' Disk
IH 370 11'5 Disk
3 pt Ford Disk
JD 325 3 Btm Plow

Super Special
Badger 220 BU Spreader
$4895.00

NEW EQUIPMENT SPECIAL

Moore 10' No Till Drill	$10 500 00	Badger Blower	$1995 00
JD 1710 Mulch Tiller	$4,995 00	JD 235 19' Ford Disk	$10,995 00
Taylor 7-Shank Chisel Plow	$1500 00	Landoll 7 Shank Soilmaster	$5,150 00
		GT 370 Dryer	$7 500 00

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Berks County's Full Line John Deere Dealer-
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Ford 541 1959, offset
(3) Ford 2000
Ford 3000
Ford 3000 PS, 1972
Ford 4000
(2) Ford 4000 1972,
Ford 4600 1976
Ford 5000 1969, SOS
Ford 6600 dual power w/cab
Ford 7000
Ford 7600
Ford 7600 w/cab & dual power
(2) Ford 7600 1976 w/cab, DP
Ford 7700
Ford 8600 1972 w/dual power
Ford 9600
Ford 9700 cab w/air dual power
Ford TW 10
JD 1030 hi lo, w/cab
JD 1120 1969 hi lo
JD 2130 1975, w/cab
JD 2130 1974
JD 2130 1978, 4WD w/cab & heater
(2) JD 3120 1969
JD 3130
JD 3140
Farmall 400
(2) IH 784 w/cab
IH 966 1974 w/cab
IH 1 SOLD cab
Universal (Long 445) 4 wheel drive
Long 560 DT
Ford 640 combine
79 Ford roll back
64 Chev dump truck

New Replacement Seats for 9N to 5000 Tractors Adjusts to Operators Weight $120.00 Each

New JD Skid Loaders, Below Cost
(2) Model 125 Diesels
(1) Model 90 Gas (1) Model 60 Gas

Full Line of Tisco and Vapormatic Parts

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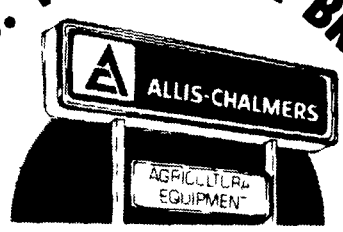

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Gleaner N5 w/15' floating grain & 630 corn heads
Gleaner L2 w/cab, air/heat, 15' grain & 630 corn heads, lo hrs
Gleaner M2 w/cab, air/heat, 15' grain & 4-row corn heads, lo hrs
Gleaner MKS w/13' grain & 630 corn heads
Gleaner F2 Diesel w/cab, air, 13 grain & 438 corn heads
Gleaner KKS w/cab, 10' grain & 238 corn heads, excellent!
Gleaner CII w/13' grain & 438 corn heads
Gleaner AII w/cab & both heads
Gleaner AII w/12' Grain head
Gleaner E w/cab & both heads
JD 8820 w/950 hrs., cab, air & heat, 15' floating grain & 830 corn heads, like new!
JD 55 Special w/cab, 12' grain & 330 corn heads
JD 55 w/12' Grain & 338 corn heads
JD 45 w/both heads
JD 45 w/grain head
MF 300 w/11' grain & 238 corn heads
IH 315 w/cab, grain & corn heads
NH 975 w/11' grain & 238 corn heads
NI Uni-System 702 w/717 combine, 4-row corn head
NI 767 Chopper w/702, 2-row corn head, & 761 Pickup

TRACTORS
AC 7040 PS, w/cab
AC 7020 PS, w/cab
AC WD45
AC WD
JD 4010 D w/PS
JD 4010
JD 3020 D w/cab
JD 730 Wide front end, 3 pt
JD 60
JD B
Long 610 D, only 600 hrs
IH 460 D
Farmall 400
MF 135
MM G1000 D

BALERS
NH 315 w/thrower, like new
NH 271 PTO w/chute
NH 271, wire tie, PTO
(2) IH 440, w/thrower PTO
MF 10, w/thrower, PTO
JD w/thrower
AC 443 w/chute, PTO
NH 23 Blower, PTO
NH 26 Blower, PTO
NH 30 Blower, PTO
AC 63 Blower, PTO

HAYBINES
(2) NH 469
NH 460
JD 9' Mower conditioner
MF 81 9' Conditioner
(2) AC 904 9' Mower Conditioner
Hesston PT 10 9' Conditioner
Hesston 9' Hydro spring

MANURE SPREADERS
NH 676, 325 BU
NH 516, 175 BU , 3 beater
NH 510, 160 BU
NH 213, 140 BU
(2) NI 218, 265 BU
(2) NI 214, 206 BU
NI 213, 176 BU
Farmhand M165 125 BU
Badger BN 240, 180 BU
NH 365 Tank
(2) Hawk Bilt 207 Tank

TILLAGE
AC 2300 Disc Harrow - 17 Hyd Fold up
AC 2300 Disc Harrow 15 Fold up
JD 13' Transport Disc
IH 13' Transport Disc
Oliver 6B Spring Trip Plow
AC 80 Series 4B Mounted, 3 pt plow
Brady 10 Tooth Chisel Plow, w/gauge wheels, like new!
Vicon 14' Power Harrow, demo!
AC 600 Air Champ 4-row corn planter
AC 600 Plate 4-row corn planter

GRINDER/MIXERS
NH 352, 80 BU., PTO, ex.
NH 352, 80 BU., PTO, good
NH 351, 100 BU., PTO

CORN PLANTER SALE!!!!!
1 - AC 600 6-row Air Champ No-Till Corn Planter
THIS IS THE YEAR TO BUY NO-TILL!!!!!

CHECK OUR HANSON & CENTURY SPRAYERS in stock!
Units priced & ready for the field today!

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Int. 205 w/grain head & corn head
Waiver to 1-1-85

USED TRACTORS

JD 630	Ford TW-10 no cab, w/1340 hrs.	Ford 5000 w/Q.A. Loader
AC WD		Ford 5000

USED CORN PLANTERS
(1) Int. 400 Cyclo, 4-Row w/insecticide

USED GRAIN DRILLS
1 Ontario

NEW GEHL EQUIPMENT
G806 8 ton running gear
960 Forage Box w/roof
1540 Forage Blower

HAY EQUIPMENT
Used Deutz-Fahr Tedder -4 star

In Stock New Deutz-Fahr Hay Tedders
2, 4 & 6 Star Machines

FARM EQUIPMENT

FARM EQUIPMENT

JD 2280

12' Windrower, Self Propelled,
Cab, Air, Diesel, 550 Hrs.
Used 2½ Years.

[redacted]

USED COMBINES

Waiver of Interest till January 1, 1985

- '73 JD 7700, hydrostatic drive, turbo, 16' platform
- '75 JD 7700 - Rotary Screen, Mud Hog Drive, 16 Ft. Platform
- '75 JD 7700 - Rotary Screen, 16' Platform
- '76 JD 7700 Rotary Screen, gear drive, 15 ft. platform
- '80 JD 7720 4 wheel drive, 220 flex cutterbar
- '81 JD 7720 4 wheel drive, 220 flex cutterbar
- '81 JD 8820 4 wheel drive, factory duals, 1100 hrs., with 220 flex cutter bar and 1243 corn head. Excellent Shape
- '78 IH 1480 axle flow w/four wheel drive, w/20' flex cutter bar, 8 row 30" corn head
- '79 JD 7720 4 WD 1400 hrs. 220 flex cutter bar
- '76 JD 6600 hydrostatic drive w/216 flex cutter bar
- Allis Chalmers Model G Gleaner

CORN HEADS

Good Selection of John Deere
443-444-643-843-1243 Cornheads

USED TRACTORS

Waiver of Interest until July 1, 1984

- '77 JD 8430 w/dual 20.8x34 tires, 3 pt. hitch, PTO, 3 outlets
- '69 Oliver 1850

- '79 Steiger ST 210 Series 3, 4WD with dual 18.4x34 tires, 3 pt. hitch, 1336 hrs. Reduced to $28,500.

CORN PLANTERS

Waiver of Interest until April 1, 1984

- '82 AC Model 333, 15-20" Row, No-Till Soybean Planter, Dry Fert., Insecticides
- JD 1250 plateless

USED PLOWS

- JD F145-5-16 Semi Plow w/Harrow attachment

JD 125 Skid loader, diesel engine, utility bucket
List $18,900 Special Price $13,850

MISCELLANEOUS EQUIP.

- JD 210 14' disc harrow
- 1 Brillion 23' folding packer, crow foot wheels
- Graber 26' flex pull-type chisel plow
- JD RG8 Cultivator, 8-30" Rows
- JD 653 row crop bean head, like new
- Bish head adapter to install JD corn head on NH TR70 combine
- JD 38 Harvester w/2 RW Head
- Tye drill 24 tine, double disc opener, 3 pt. hitch
- (1) Brillion 15½ ft. field cultivator w/Midwest Harrow
- John Blue 300 gal. trailer sprayer w/hydraulic pump

W.N. COOPER & SON, INC.

Morgnec Rd. Rt. 291
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301-778-3464

SPERRY NEW HOLLAND

USED EQUIPMENT

NH 1895 SP
FORAGE HARVESTER
Cab & Air,
Cat Power Unit
12 Double Edge
Underbeveled Knives, Metal detector base unit with 3 Row Low Profile Head And 880 Pickup head $29,950

NH L-325 Skid Steer Loader w/54" bucket
$5,975

Gehl 99 Blower 3 yrs.old $1580
OMC Mustand Skid Loader $2,580
NH 67 Baler $750
518 Manure Spreader . . . $1975
NH 362 4 Ton Flail Spreader . . $1075
Hawk Bilt 590 Gal Tank Spreader $1250
NH 355 Grinder Mixer 21" mill $4250
New Pequea Tedders & Wagons
New Zimmerman Elevators

NEW EQUIPMENT IN STOCK

Call for special terms and prices.

7', 9', 12' Haybines 474, 488, 489, 495
Balers 311, 316, 320 & throwers
451 Mowers, 256 - Rakes
Forage Harvesters 718, 782, 892
Blowers 25, 28
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Ford Farm Equipment — AMCO NEW IDEA — MESSTON — WHITE FARM EQUIPMENT

USED EQUIPMENT

MF 1200 Lawn & Garden Tractor w/Mower
Farmall 966 Tractor, Cab, Air, Duals
Farmall Super MTA
Ford 118 4-Bottom Plow, 4x16
Ford 9600 Tractor
Ford CL40 Skid Loader
IH 56 4R Planter
Amco Terrace Disk
IH 20' Wing Disc Harrow
Ford #101 3 x 14 Plow (Excell)
MF 3B 14" Mtd Plow
NI 109 Fertz Spreader
Noble 25' Field Cultivator
Hesston 1014 Windrower
MM 3496 Combine, Cab, 2R Head, 12' Grain Head
White 8600 Combine, Dsl Hydro, Air
NI 709 Uni 4WD w/838 Husk Unit
JD 24T Baler w/Thrower
1068 Haybuster No Till Drill (Demo)
Fox 728 2R Corn Head
Ford 1 Row Mtd Picker
Better Bilt 1100 Gal Liquid Spreader
1 Row 3 Pt Holland Transplanter

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FARM EQUIPMENT WANTED

Wanted - 2 row front cultivator for 504 Farmall tractor. Call collect 609-561-1445

Wanted - 2 post roll guard for JD 4020 304-263-9801.

Wanted - Diesel Engines 110 to 175 h.p. to run irrigation pumps 500 to 1,000 gallons per minute. Write or call giving complete information and price. 717-546-5981.

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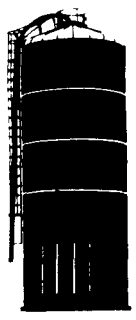

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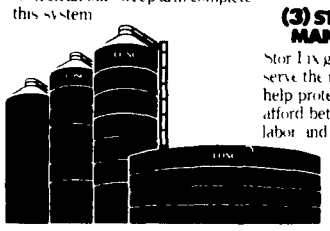

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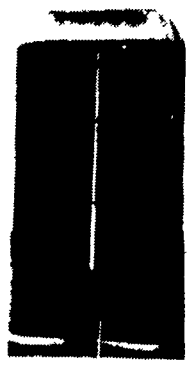

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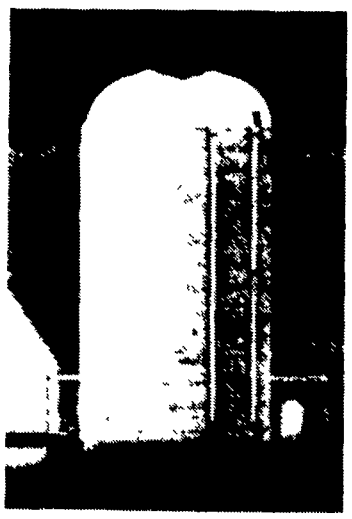

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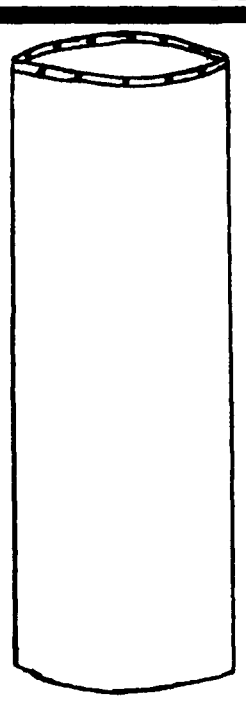

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Ring and clamp cost for 10, 12 and 14 ft. silos with unloader are about 75% higher.

Order 10 extra feet of liner if you wish to tie the bottom of the liner shut.

Please send liner only ☐
Please send liner, lifting ring and clamp ☐
I am sending $ _____ to receive liner freight free.
Orders must be in by August 1st to ensure right size and length.

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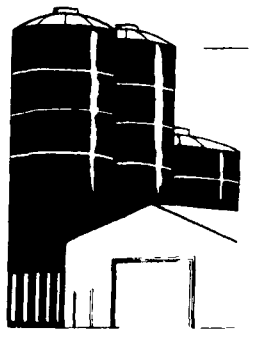

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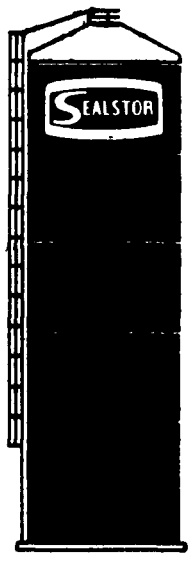

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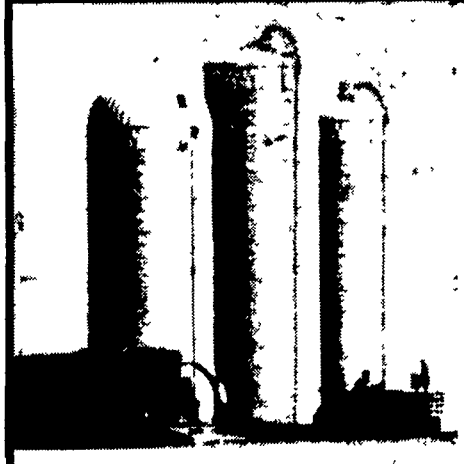

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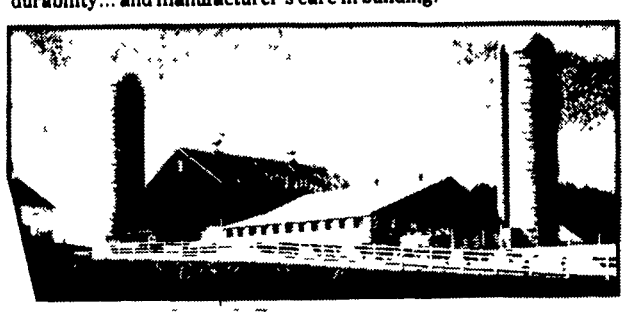

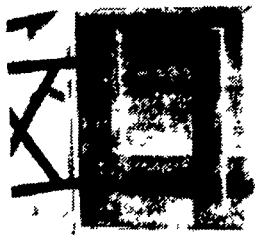

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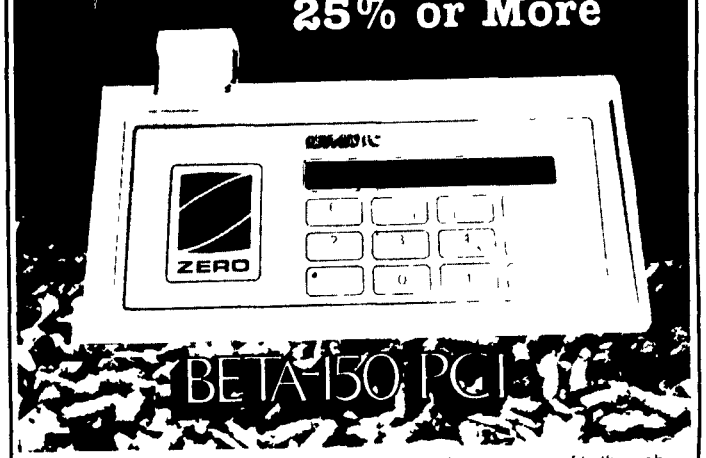

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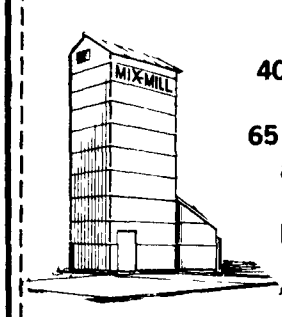

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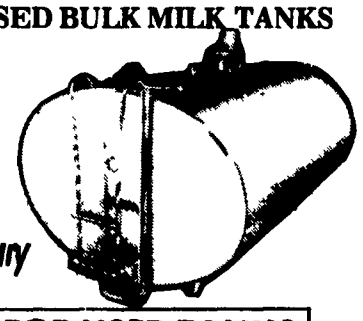

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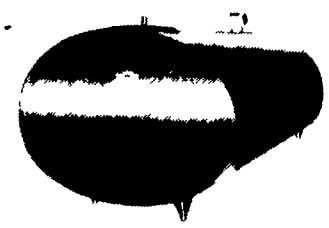

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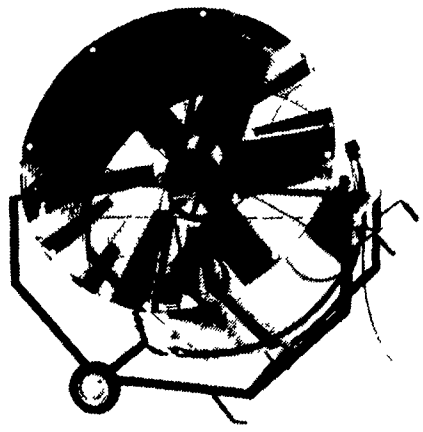

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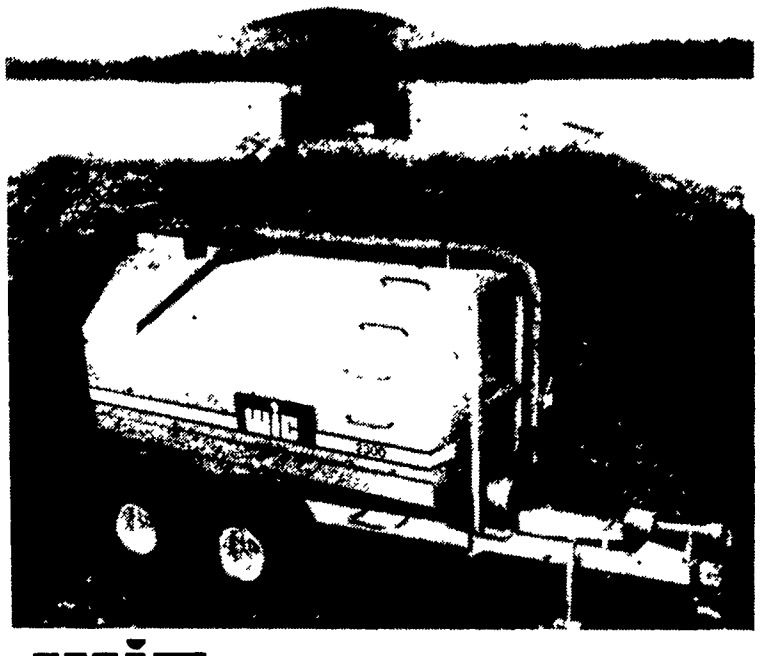

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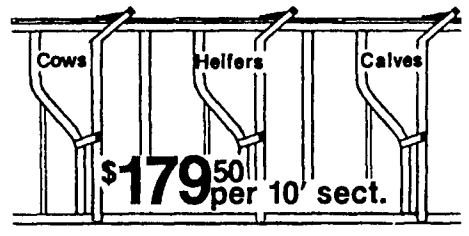

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DAIRY EQUIPMENT

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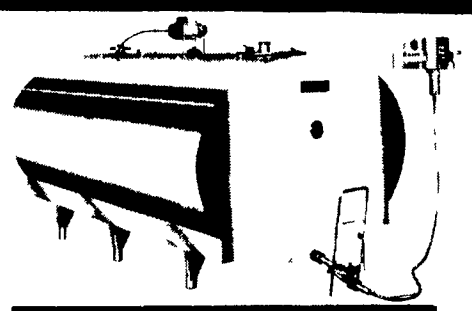

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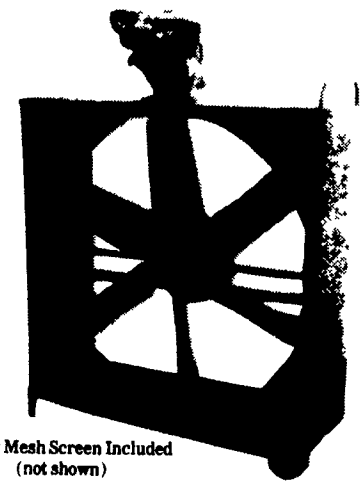

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AVAILABLE IN 48" & 36" FAN W/ELECTRIC OR GAS ENGINE MOTOR

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48" FAN UNIT $590:	36" FAN UNIT $525:
Dimensions - 18"x 52½"x58½"	Dimensions: 18"x 41"x48"
48" 6 Blade@ 455 R.P.M.	36" 8 Blade @ 500 R.P.M.
22,500 C.F.M. Free Air	12,000 C.F.M. Free Air
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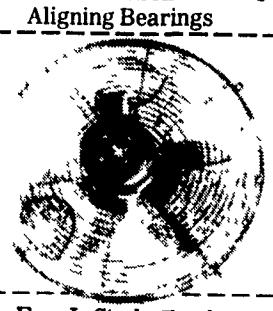
1" Shaft w/2 Self-Aligning Bearings	1" Shaft w/2 Self-Aligning Bearings



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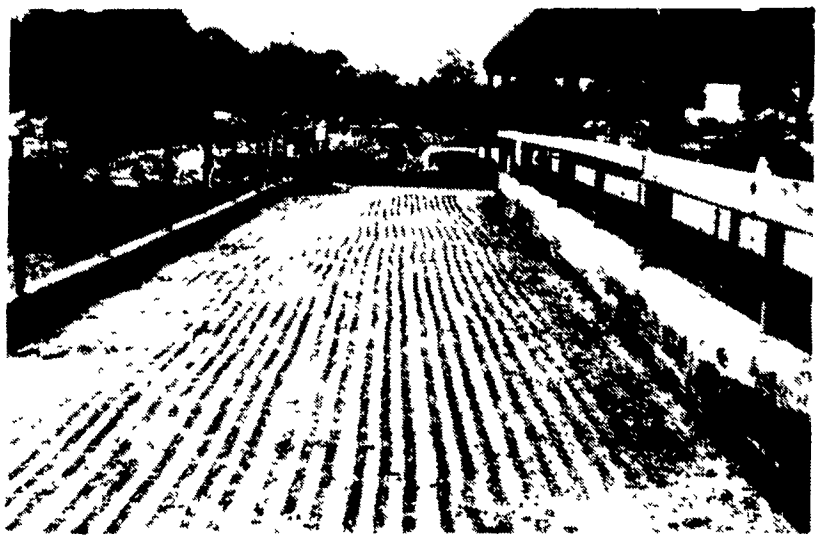

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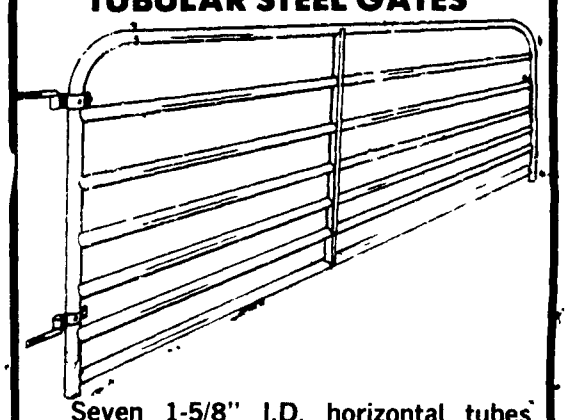

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* FR4 Vacuum Pump
* Bou-matic Wide Claws
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1,000 gal. Mueller milk tank with heavy duty compressors and washer. 2" stainless steel pipeline with 4 Surge mini cup milkers and rotary compressor. 301-778-3386.

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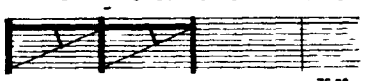
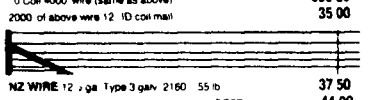
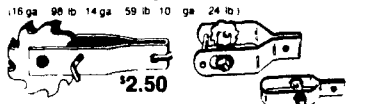


USA WIRE 12½ ga Type 3 galv 4000	75 00
0 Coil 4000 wire (same as above)	650 00
2000 of above wire 12½ ID coil mail	35 00

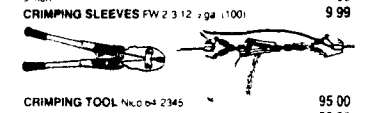


NZ WIRE 12½ ga Type 3 galv 2160' 55 lb	37 50
A1 Wire 12½ ga Type 3 galv ½ mile 68 lb BEST	44 00
NZ WIRE 35-45 lb coils All High Tensile	75
(16 ga 98 lb 14 ga 59 lb 10 ga 24 lb)	



$2.50

PERMANENT IN-LINE WIRE STRETCHERS DONALDS STYLE No 1 MINITITE	69
No 2 New in 1984	1 75
HAYES STYLE (with aluminum cog spool)	2 50
HAYES HANDLE equired to use above	5 95
SPRINGS galv 225 lb 1" compression	4 00
BRACE PINS galv 4 inch	25
9 inch	50
CRIMPING SLEEVES FW 2 3 12½ ga (100)	9 99



CRIMPING TOOL Nicopet 2345	95 00
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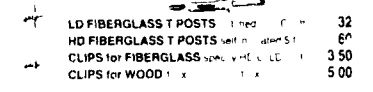
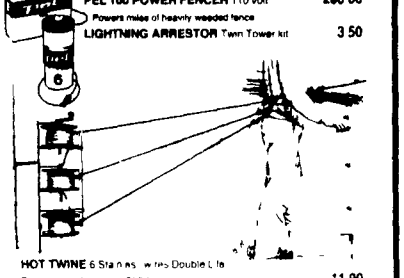
CHAIN GRAB WIRE STRETCHER smooth jaws	24 95
STAPLE DRIVER puts 5 long staples into each and every time safety for eyes & hands	18 50



LD FIBERGLASS T POSTS 1 need 2	32
HD FIBERGLASS T POSTS set in concrete 5 ft	60
CLIPS for FIBERGLASS specify HD or LD	3 50
CLIPS for WOOD 1" x 1" x	5 00

INSULATORS

WRAPAROUND INSULATORS easy Ends (10)	7 50
DOUBLE U INSULATOR for big posts (20)	7 50
4" TUBE INSULATOR for 12½ ga Pel (200)	10 00
DOUBLE NAIL PIN ON INSULATOR Pel 81 (50)	15 00
STAPLE INSULATOR channel lock PB2 (100)	18 00
VOLTMETER DIGITAL READOUT Speedrite	69 00
ELECTRIC FENCE WARNING SIGNS plastic	70
SLINKY GATE electric 2 to 20 ft gate	7 50
38 ft INSULTUBE Pel 32 for 12½ ga	6 00
UNDERGROUND CABLE 330 ft	35 00
CUT-OUT SWITCH stainless steel	6 50
ENERGY LIMITER for bottom wires etc	9 90
PEL PE6 PORTABLE FENCER lantern batt	65 00
PEL PE12 BATTERY FENCER 12 volt wet	156 00
PEL 100 POWER FENCER 110 volt	280 00
Powers miles of heavily weeded fence	
LIGHTNING ARRESTOR Twin Tower kit	3 50



HOT TWINE 6 Stainless wires Double Life	
For polytape fencing 660 ft	11 90
1650 ft	29 75
HOT TAPE Super stable 660 ft	25 00
Electric Twine 3 stainless wires per ft Limited	5 95
PEL REEL self HOT TAPE portable	23 00
PEL TRIPLE REEL self HOT Twine attached	96 00
FIBERGLASS 4 ROD POSTS Portable 5 ft	32
Attachment above spacing power	10

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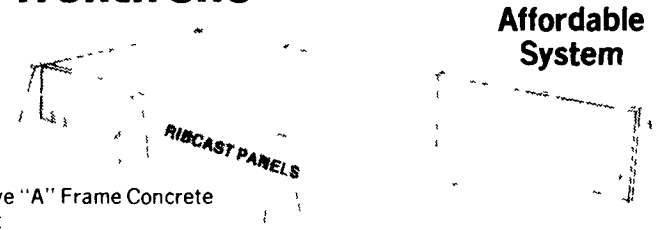

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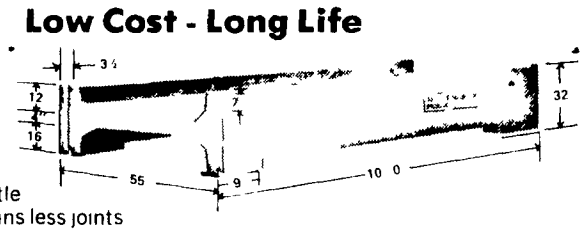

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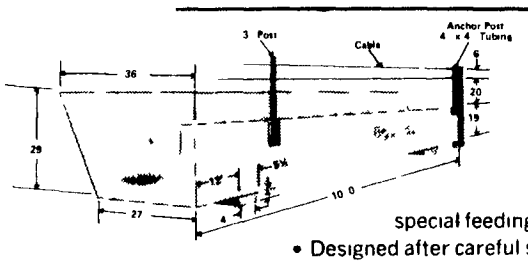

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3 Generations are Very good.
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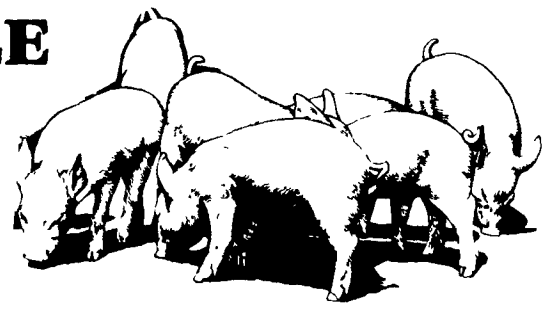

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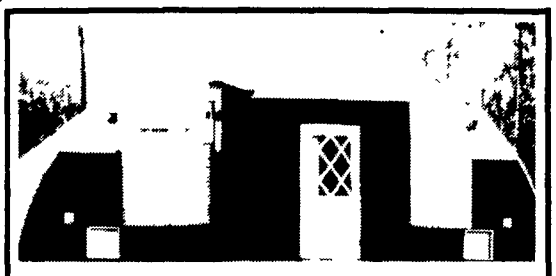

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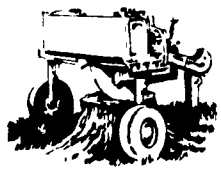

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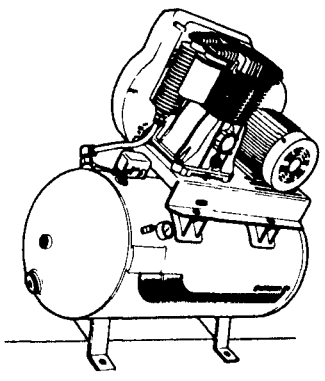

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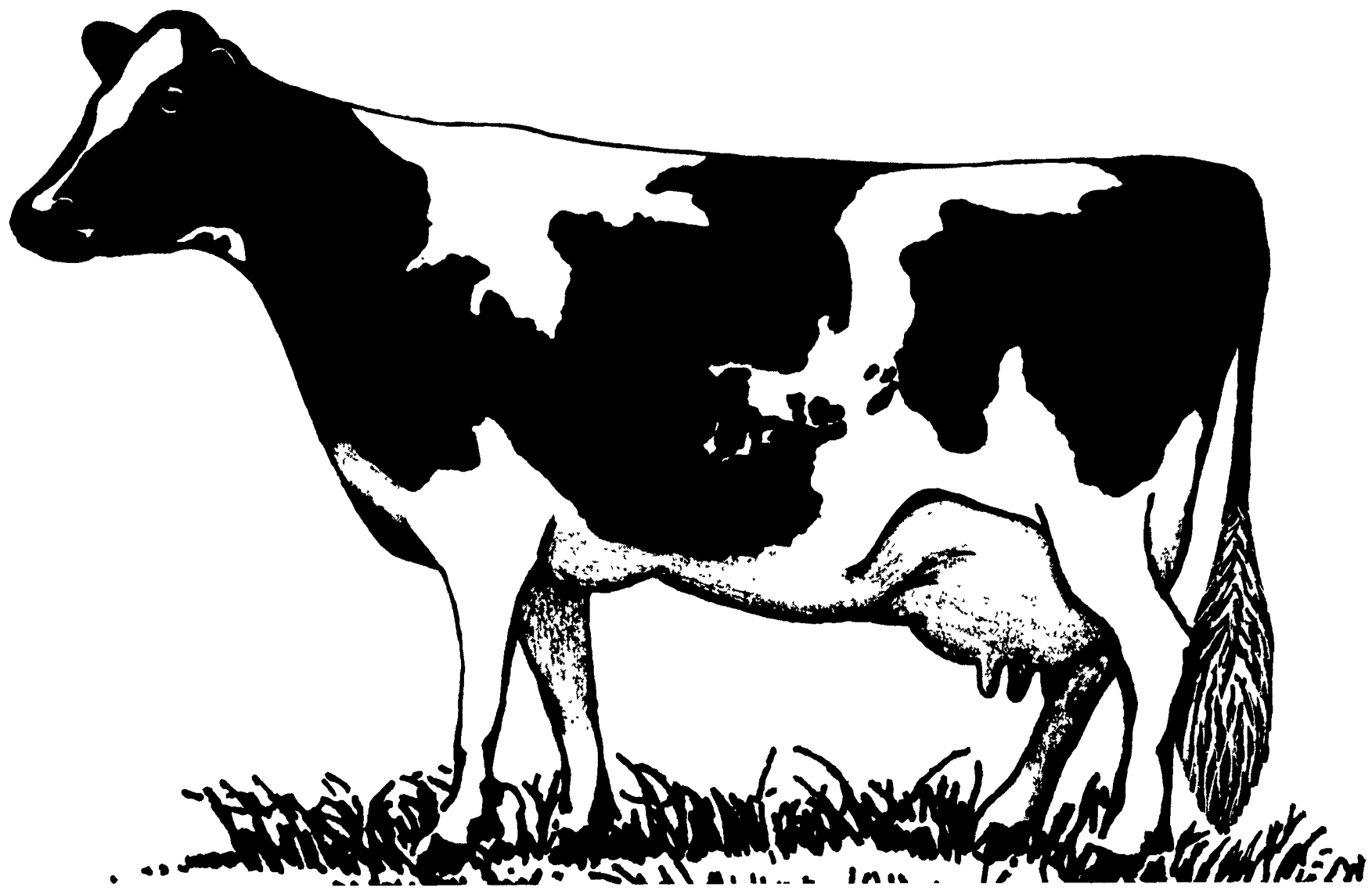

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Hernias seldom serious is foals

NEWARK, Del. — Since this is the foaling season, the attention of many horse owners is understandably focused on the health of their young animals. Some of these foals are likely to develop hernias.

According to University of Delaware extension equine specialist Dr. Mel Reitnour, this condition is seldom serious enough to cause unsoundness. Umbilical and scrotal hernias are fairly common. They usually get smaller as the foal matures and sometimes disappear completely by the time it is a yearling.

An umbilical hernia is an opening in the abdominal wall at the umbilicus. A scrotal hernia is similar except that the gut protrudes through the inguinal canal into the scrotum.

A foal's tendency to develop hernias can be hereditary, Reitnour says. Stallions can inherit the genetic weakness from their dams and pass it along to their offspring.

The direct cause of a hernia may be severe straining, chronic coughing or excessive physical restraint. The condition sometimes occurs as the result of a kick or from strain after slipping or pulling.

Reitnour says umbilical hernias generally aren't dangerous unless they become strangulated, in which case they require surgery. Veterinarians sometimes use a metal clamp to treat a persistent umbilical hernia. The foal is placed briefly under general anesthesia, or given a tranquilizer and local anesthetic, and the clamp is placed around the sac or skin. Deprived of blood, the hernia will eventually shrivel and drop off, leaving the area to heal. If an umbilical hernia is extremely large, however, surgery may be needed.

Scrotal hernias often require surgery, and colts are usually castrated at the same time.

Reitnour recommends that in selecting a stallion for breeding purposes, owners evaluate this background for incidence of hernia. It's wise to avoid breeding horses with a past history of this problem.

As for foals which develop hernias, the specialist advises owners to follow the recommendation of a veterinarian regarding treatment.

American Polled Hereford Association area coordinator Ernie Smith addresses guests during the Maryland association's field day on June 9.

Maryland Polled Hereford Assoc. holds field day

By John Schmidt
Staff Correspondent

ROCKY RIDGE, Md. — The Maryland Polled Hereford Association held its annual field day on Saturday June 9. Calvin Sayler's Oak Grove Farm at Rocky Ridge, Md., provided a fine setting for the more than fifty people who attended. Association president Andy Schmidt welcomed the crowd along with host Sayler.

Guests were invited to participate in a cow-calf mating game and bull weight estimates competition for prizes. The emphasis of the day was on breeding and herd health management.

American Polled Hereford Association Area Coordinator Ernie Smith made remarks concerning APHA future events including the Eastern Regional Junior Heifer Show July 16-18, in Murfreesboro, Tenn., the Eleventh National Junior Polled Hereford Show and Forum in Des Moines, Iowa, the Ohio State Fair Standard of Perfection Show August 11, and the Eastern States Expo in Malery, Mass. September 22.

Following Smith's comments breeders Frank Darcey of Spring Bottom Farm and Bob Dilmer of Graystone Farm presented improved methods of heat detection and artificial insemination. Much of the discussion involved estrus synchronization with related new drugs and techniques.

Dr. William Carr V.M.D. of Emmittsburg spoke before lunch concerning herd health and nutrition in relation to reproductive efficiency.

Lunch was provided by Calvin Sayler and enjoyed by all. It also gave an opportunity for Polled Hereford enthusiasts from as far away as North Carolina, Virginia, Ohio, and Pennsylvania to talk cattle with the many friends and Maryland association members.

Dr. Carr continued the program with a slide series about "Synchromate B", a new estrus synchronization drug. Ernie Smith concluded the program with an explanation and update on APHA performance pedigrees, the annual sire summary, and Guidelines performance systems.

Temperature, nutrition, critical for summer hog breeding

NEW YORK, NY — With last year's disrupted breeding schedules and poor sow condition still clearly in mind, hog producers should act to prevent the same heat-related problems from recurring this summer, advises Dr. David Nichols, assistant professor of Animal Science at Kansas State University.

"Temperatures of 85 degrees and above place considerable stress on lactating sows," says the environmental physiologist. Pointing to a KSU study the conducted on drip-cooling lactating sows, Nichols notes heat-stressed sows are likely to consume less feed, lose more weight, and experience delayed return to estrus.

This study showed drip-cooled sows lost an average of only 8.4 lbs. during lactation, while their heat-stressed counterparts lost 38.5 lbs., Nichols recalls. "And while the drip-cooled group weaned an average litter weight of 123.9 lbs., the heat-stressed sows weaned litters weighing an average of 112.2 lbs."

Sows that experience significant shrinkage during lactation are less likely to return to estrus soon after weaning their young, Nichols says. "And missed or delayed estrus means downtime to the hog producer."

Affects Conception Rates

Excessive heat also adversely affects conception rates and the number of pigs born live, according to Oklahoma State University studies on heat-stressed sows. In one test, where 28 gilts were subjected to periods of 95 ° F, only nine of them settled, says OSU extension swine specialist Dr. Bill Luce.

"In the control group, where temperatures were kept at a constant 74 degrees, all gilts settled," he adds.

In another OSU study, Luce points out gilts heat-stressed during the last three weeks of gestation farrowed an average of 5.2 dead pigs per litter, while the control group farrowed only .4 dead pigs per litter. Extreme heat most adversely affects gestating sows during the first and last three weeks of pregnancy, Luce adds. 'During the first three weeks, it affects conception rates; during the last, it increases the number of stillborns," he says.

Boar fertility also suffers from heat stress, according to a related OSU experiment. Fertile boars subjected to 90-degree temperatures are likely to sire smaller litters, says Luce. In addition, the study showed that when a cool sow is mated with a heat-stressed boar, litter size averaged 8.5 pigs. However, when both the boar and sow are kept cool, average litter size was 9.55 pigs. When neither were kept cool, this average dropped to 7.8 pigs per litter.

Recommends Drip-Cooling

By slightly altering management practices in the area of temperature control, producers can minimize these summertime breeding problems, says Bob George, extension agriculture engineer at the University of Missouri.

"Drip-cooling, for instance, is probably one of the best ways to keep boars and lactating sows cool during heat spells," George notes. "The cool water gradually dripping on them evaporates, lowering body temperature and reducing heat stress."

Drip-cooling systems can range from the elaborate to simple, George continues. "Producers can install temperature-triggered drip irrigation nozzles that drizzle tiny droplets," he says. "Another, less expensive method is hanging ice-filled burlap sacks above each sow's shoulder when the temperature climbs above 85 degrees," he suggests. "The ice gradually melts, dripping cool water onto the hogs."

A more time-worn method George advocates is snout cooling. "This is akin to an air conditioner," he says. "It cools the air, and then drops it at low velocity around the hogs' heads. They inhale it, and the cooled air reduces their body temperature."

Ventilation Important

Good ventilation is particularly important in keeping temperatures down in a hog facility, George continues. To ensure optimal ventilation, George advises producers to first determine air flow for the hottest summer day. This should be based on per head air movement, or air changes per minute, whichever number is higher, he says. "Then, producers should pick a combination of fans that will move that much air at 1/8th of an inch static pressure."

To accurately set the cubic feet per minute (CFM) air flow rate, producers must factor in total animal weight in a given room, as well as that room's volume, George says.

"In the farrowing house, for instance, I recommend 125 CFM for every hundredweight (cwt)," he says. "In the nursery and gestation units, this figure is 75 CFM per cwt. In the growing and finishing units, as well as the boar

(Turn to Page D4)

National Junior Polled Hereford Show set for Iowa

DES MOINES, Ia. — In recognition of the 11th National Junior Polled Hereford Heifer Show and Forum, the week of July 22 has been proclaimed Polled Hereford Week in Iowa by Iowa Governor Terry E. Branstad. The fun-filled week-long lineup of activites that brings together young Polled Hereford breeders from all parts of the country is slated for July 22-26 at the state fairgrounds in Des Moines.

The 11th National junior event, which is sponsored by the American Polled Hereford Association, is one of the largest purebred junior shows in the world. In addition to the highly competitive heifer show, the youth will have the opportunity to participate in a wide variety of educational and fun activities, and many will be recognized for their achievements in Polled Hereford work.

More than 600 heifers have been entered in the show, representing 375 exhibitors from 33 states, ranging from California to New York and Washington to Georgia, plus youth from four Canadian provinces.

The two days of cattle judging will get underway at 8:30 a.m. on Wednesday, July 25, with Governor Brandstad opening the ceremonies. In the competition, juniors from 7 to 21 years old will be showing heifers born in 1983 as well as bred-and-owned cow-calf pairs. They will also put their fitting and showing skills on the line in the individual and team showmanship contests.

For more information on the National Junior Polled Hereford Heifer Show and Forum, contact the American Polled Hereford Association, 4700 E. 63rd St., Kansas City, Mo. 64130.

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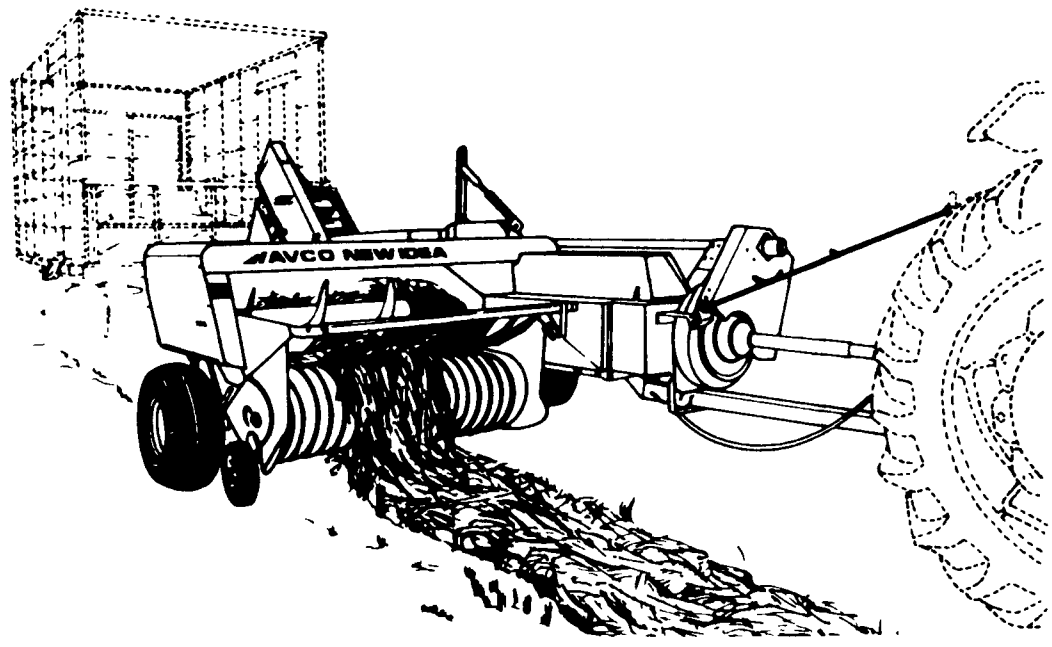

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Summer hog breeding

(Continued from Page D2)

facility, the recommended CFM per cwt is 63." To determine CFM for a given room, George multiples the total cubic feet of a particular room by 1.2.

Once producers have cooled the breeding environment as much as possible, they should provide rations that produce minimal metabolic body heat while meeting the animals' nutritional needs, advises Dr. Ray Washam, manager of swine technical services for Ralston Purina Company.

"As Kansas State University and our own research show, heat-stressed sows tend to reduce feed consumption to avoid further internal heat production," he says. "This causes body weight loss that can delay return to estrus, reducing both conception rates and subsequent litter size."

High Net Energy Rations Solve Problem

A solution to this dilemma of increased stress and reduced consumption is to provide lactating sows with high net energy rations, the researcher suggests.

"It's well-established that fat causes less heat production during digestion and thereby decreases heat stress," he says. "High fat rations like High Octane Lactation Chow help sows maintain energy intake even during hot temperatures.

Because of the ration's high energy concentration, the researcher points out, sows can maintain body condition on less feed than conventional rations. "In addition, these rations contain lower levels of heat-producing fiber, and are also amino acid balanced to meet a sow's protein needs.

Summers, especially if extremely hot, can present breeding problems for hog producers, Washam continues. "But these problems will be far less severe where producers have fine-tuned their management techniques and facilities to meet the warm weather challenge," he concludes.

Cornell offers horse and small farm handbooks

ITHACA, N.Y. — Two farm building and equipment plan books are now available through Cornell Cooperative Extension. Both are illustrated extensively and written specifically for small or hobby farming operations.

The popular "Horse Handbook" is a compilation of practical information about structures and equipment useful in building or remodeling facilities for horses. Included are several types of housing, tack room, fence, gate, and chute plans, and construction techniques.

"Horse Handbook" also discusses considerations such as ventilation, fire safety, insulation, manure handling, and site selection, as well as suitable building materials.

For small-scale livestock operations, "Small Farms Livestock Buildings and Equipment" presents essential information on planning, materials selection, construction, and operational management.

Space requirements, security, ventilation, and similar considerations are explained for swine, beef, and dairy animals, and goats, horses, sheep, poultry, and rabbits.

Descriptions of plans are given for structures, fencing, feed carts and bunks, loading chutes, feed racks, rabbit hutches, poultry houses, portable lambing units and creep feeders, and similar items of livestock equipment.

The "Horse Handbook" (MWPS-15) and "Small Farms Livestock Buildings and Equipment" (NRAES-6) are $4.00 each, including postage and handling.

Both publications may be ordered from the Cornell University Distribution Center, 7 Research Park, Ithaca, NY 14850.

Maryland livestock dealer charged

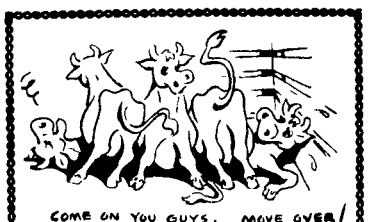
WASHINGTON — Thomas E. Kolb, Keymar, Md., has been charged with being insolvent, writing bad checks, failing to pay promptly for livestock, and operating as a livestock dealer and market agency without an adequate bond, a U.S. Department of Agriculture official said on Thursday.

B.H. (Bill) Jones, head of USDA's Packers and Stockyards Administration, said Kolb buys livestock in northern Maryland, southern Pennsylvania and western New York. He buys directly from dealers and producers and at public markets.

Kolb has a right to a hearing on the charges which were filed by USDA in an administrative complaint under authority of the Packers and Stockyards Act.

If the charges are proven, Kolb will be placed under a cease and desist order, similar to a permanent injunction. His registration will be suspended until he shows he is no longer insolvent and he files the required increase in his bond. He could also be ordered to pay a civil penalty.

The P&S Act is an antitrust, fair trade practice and payment protection law. It is designed to maintain integrity in the marketing of livestock, poultry and meat and in the marketplace.



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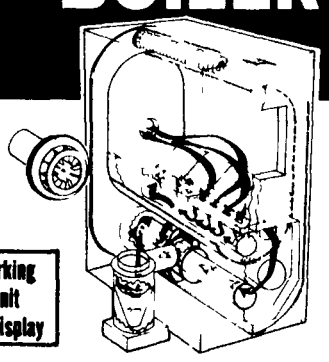

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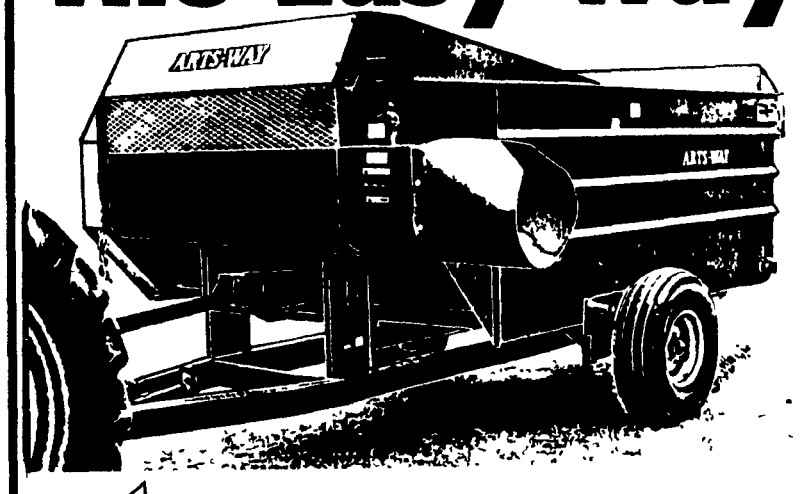

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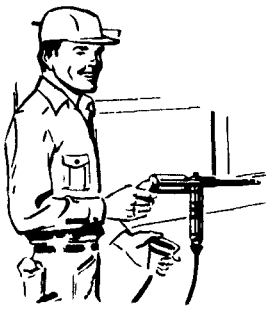
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Who will be this year's champion livestock auctioneer?

KANSAS CITY, Mo. — A check for $1,000, a specially-designed diamond ring, merchandise prizes and the knowledge you're the best in your profession — that's what awaits the winner in the 1984 World Livestock Auctioneer Championship (WLAC).

"Prizes and public recognition are probably the most tangible parts of being the best livestock auctioneer in North America," said Championship Chairman Jerry Bales, of Huron, S.D. Bales Continental Commission Co., Inc., will be the site of the 21st WLAC, on Friday, August 17.

But, Bales pointed out, there's more to winning the event than can be put in a bank, or pasted in a scrapbook. "There's the satisfaction of knowing you've been picked as the best practitioner of a very competitive business. Anyone who's ever attended an auctioneer championship knows how far some of the contestants have come to participate, and how badly they all want to win."

The competition will be enhanced this year, as it was last year, with a preliminary and a final round. All contestants will take part in the morning preliminaries, selling cattle under actual sale conditions.

Then the judges, a panel of marketing businessmen, will select 15 finalists. They will compete Friday afternoon, with the winners announced at a barbecue and awards ceremony in Huron that evening.

In addition to the World Champion, a Reserve and Runner-Up World Champion are also named. Contestants are judged on such qualities as vocal clarity and quality, and bid-catching ability.

The current Champion is Bud Knight, Billings, Mont., who won the title last summer in Dickson, Tenn. Once the world title is won, a contestant can no longer enter.

Knight, like other World Champions, was a veteran of pervious Championships before he took the top trophy. And that "try again" spirit keeps the competitive level high, Bales said.

"The first person a contestant must convince of his talent is himself. We will have many former entrants try again this year, because they sincerely believe they deserve the title — and that will make the event very exciting."

The WLAC is sponsored by Livestock Marketing Association, Kansas City, to honor the traditionally important role of the auctioneer in livestock merchandising.

Entrants must be a livestock auctioneer, at least 18 years of age, and sponsored by a livestock marketing business. The entry fee is $250.

Entry forms and further information can be obtained from LMA, 301 East Armour Blvd., Kansas City, Mo., 64111, phone (816) 531-2235.

Wool research to relocate

WASHINGTON, D.C. — Some of USDA's 125 senior scientists at the Eastern Regional Research Center (ERRC) will now focus on solving problems for the American wool industry, according to Dr. Mary Carter, associate administrator, Agricultural Research Service.

Carter made the announcement June 6 to sheep industry leaders at a meeting of the American Sheep Producers Council's Executive Committee in Washington, D.C.

Based in Philadelphia, ERRC is world-reknown for its research on leather and fibrous proteins, she said. Since much of the existing expertise and facilities can be applied to wood research, USDA thinks it most economical to do the research at ERRC. The U.S. Army's Natick laboratory had previously been considered.

USDA is currently developing projects for the $400,000 available annually for wool research. At a meeting of 45 wool industry representatives on Feb. 1, more than 100 possible projects were outlined. Using a questionnaire, USDA has narrowed the list to two.

The number one priority is removal of foreign materials from raw wool, such as thistles, burrs and pigments, without resorting to a potentially damaging treatment known as carbonizing.

The second area ERRC will focus on is felting. Researchers will examine protein and polymer structure of wool in hopes of developing a better felting process that would allow more American wool to be used.

Until about two years ago, the wool research unit was based in Albany, Calif.

Council board approves ACDI, AIC affiliations

WASHINGTON, D.C. — The board of directors of the National Council of Farmer Cooperatives today approved affiliation of Agricultural Cooperative Development International (ACDI) and the American Institute of Cooperation (AIC) with NCFC.

The ACDI affiliation, previously approved by their membership, becomes effective immediately. The AIC affiliation agreement approved by NCFC will be presented to the AIC Board of Trustees at meetings in Bozeman, Montana, July 30.

Under the plan, ACDI would remain a separate organization for legal and tax purposes and would maintain its own membership. However, it allows for organizational efficiencies, improved planning and better coordination of programs.

Agricultural Cooperative Development International (ACDI) responds to the needs of agricultural cooperatives, farm credit systems, and agriculturally-supportive agencies in developing countries. Its programs are designed to enhance economic development.

NCFC President Wayne A. Boutwell said this action is a great step forward for cooperative unity at the national level.

The American Institute of Cooperation (AIC) is the national education organization for agricultural cooperatives. Its programs are designed to help acquaint educators, youth, young farmers, cooperative members and others with the role of cooperatives in the American business system.

If the plan is approved by their membership in July, AIC will be the third organization to affiliate with NCFC since early last year. The first was The Farm Credit Council, national trade association of cooperative agricultural lenders, which affiliated with NCFC in February 1983.

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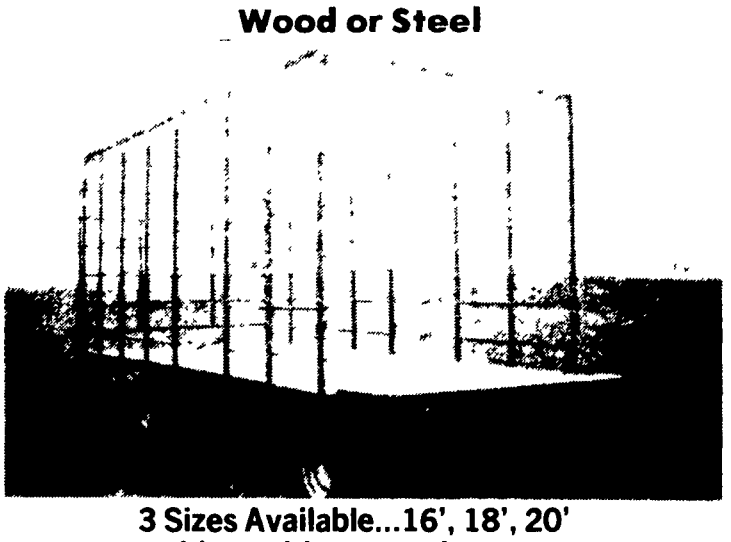

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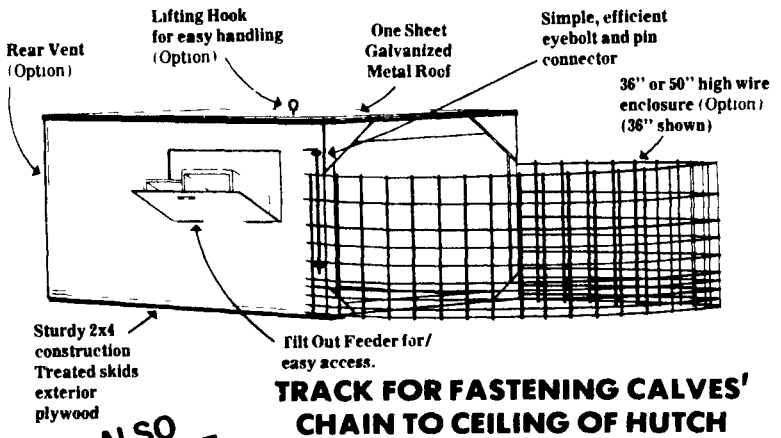
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BUSINESS NEWS...

White Farm's new power front axle features row-crop tread adjustability, high crop clearance and a small turning radius.

White cites power front axle

OAK BROOK, Il. — White Farm Equipment Company has introduced a new power front axle, which features row-crop tread adjustability, high crop clearance and a small turning radius. It is an option on the 2-88/2-110 (86.78 and 110.52 hp) tractors.

This new axle provides row-crop spacing flexibility with power adjust rims, which can be moved from 60 to 92 inches in four-inch increments for a total of nine different spacings.

The new direct mechanical drive axle transfers horse power and torque more smoothly and efficiently by using constant velocity universal joints. Also, large king pins and large, outboard planetary drives provide outstanding strength and durability.

In addition, the axle is secured to a massive cast iron frame instead of the engine frame. This means the weight is carried by the frame, not the engine, a unique feature found only on White Farm tractors.

"The cast iron frame not only adds traction-boosting weight to the front end, but also reduces wear and tear on the engine by absorbing the extra stress of four-wheel drive," says Gary Morten, WFE product manager.

The White Farm 2-110 tractor (on which the new power front axle is an option) recently set fuel efficiency records in national tests. WFE, which has produced power front axle tractors for over 20 years, manufactures a full line of tillage, planting, harvesting and farm power equipment.

For more information about White Farm's power front axle or other WFE equipment, contact your local White farm elder or writer White Farm Equipment Company, 2625 Butterfield Road, Oak Brook, IL 60521.

AC debuts row crop tractor

MILWAUKEE, Wis. — Allis-Chalmers recently introduced a new 70 PTO hp 6070 row crop tractor, according to Sam Smith, tractor marketing manager.

"Farmers across North America can see the new tractor at Allis-Chalmers dealers," he said. "The 6070, available in both 2-wheel drive and front wheel drive models, joins the other tractors in the 6000 series which have built a reputation for torque backup and fuel economy since their introduction two years ago.

"Both new models have big tractor features such as large palentary final drives to handle heavy loads and wet disc brakes for long, chatter-free life and good stopping ability.

"The 6070 has the same type 12-speed synchronized transmission featured on the 6080," he said.

"The front-wheel drive model delivers added traction to pull high-draft loads with less tire wear, less compaction and less fuel consumption. For example, the difference can add up to as much as 20 percent more field work with the same amount of fuel, compared to the 2-wheel drive model," he said. In addition the improved turning angle provides a short turning radius for excellent handling.

The 6070 is powered by a four cylinder, in-line direct-injection diesel engine, which is turbocharged for better fuel economy and top performance.

Smith said the 6070 is powered by a four cylinder, in-line direct-injection diesel engine, which is turbocharged for better fuel economy and top performance. Tests have shown that this basic engine in the 6080 and the 6060 tractors provides the best torque rise in their respective horsepower classes," he said.

"The 6070 features on-the-roll shifting through all 12 forward speeds. Speeds range from 1 mph up to a 17 mph road speed. The transmission has a big cera-metallic clutch to handle high torque horsepower with high durability.

"The hydraulic system is an open-center type with 19 gallon total capacity. Standard features include two remote outlets, position control and Traction Booster system which senses draft load demand and automatically transfers needed weight to the rear wheels."

The 6070 cab features lots of comfort and visibility, said Smith. "The door opening is 36 in. wide at the beltline and the 40 square feet of tinted, tempered safety glass provides outstanding visibility. Massive soft rubber mounts isolate the cab from the chassis for reduced vibration and a quieter ride."

Smith said the new Allis-Chalmers tractors are covered by the popular Peace-of-Mind Warranty, which provides coverage for three years or 3,000 hours on the engine and power train.

Flowable herbicide available

VALDOSTA, Ga. — Direx 4L, the new flowable diuron herbicide from Griffin AG Products Co. Inc., has been registered in California to control more than 80 weeds in over 30 crops. With the California registration, Griffin's new flowable version of this versatile and effective herbicide is now available nationwide.

The registration is also significant because diuron is still very popular with California growers who use it on a wide variety of crops including cotton, citrus, fruits, berries, olives and peppermint. Direx is also widely used to control weeds in corn and wheat.

Griffin, a recognized leader in flowable formulation technology, developed Direx 4L to provide growers with an easy-to-use, time-saving, dust-free version of this effective and inexpensive herbicide. With Direx 4L growers don't need weigh-scales in the fields and don't have to contend with chemical dust, time-wasting lumps and mixing and clogging problems.

In addition to making and marketing its own line of pesticides and agricultural chemicals, Griffin manufacturers flowable pesticides for many major agricultural chemical companies that acknowledge the company's long-standing expertise in this area.

It was this expertise and technological know-how that enabled Griffin to manufacture a high quality diuron flowable. At the heart of this technology is a special wet-milling process which reduces the diuron particles to the precise size and shape for optimum suspendibility and shelf life. Direx 4L is formulated with a clay-free diluent which enhances flowability and prevents the herbicide from binding when tank mixed with pesticides which have an affinity to clay.

MF introduces forage box

DES MOINES, Ia. — Sturdy construction, low maintenance costs and long life are key elements of a forage box.

Massey-Ferguson introduces the MF 664 Forage Box, a new wagon that has all these qualities.

Available in 14 and 16-foot models, the MF 664 features an all-steel understructure and stakes for a longer working life.

The MF 664's plywood floor and sides are securely bolted (not nailed) for more structural stability and flex when working on hilly terrain. The floor and side plywood carries a limited lifetime warranty.

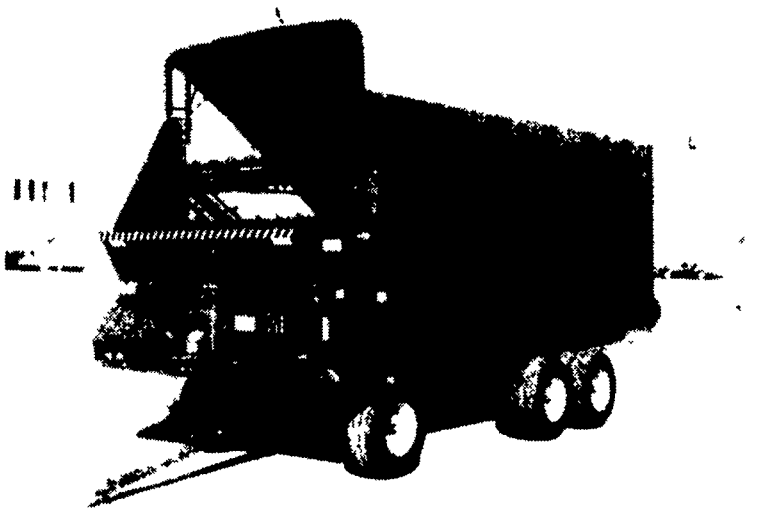
Unloading Features

The MF 664 forage box is equipped with four heavy-duty 667H pintle deck chains. The stronger 667H pintle chain helps reduce chain breakage and subsequent delays during silo filling.

The two speed deck apron provides regular unloading and faster cleanout speeds for operation efficiency. Three self-aligning slant-back beaters accommodate box twisting and reduce beater and bearing stress when unloading on sloping terrain.

The MF 664 has three safety shut-off mechanisms: a full front width emergency shut-off bar; a left-hand emergency stop handle on the discharge side; and a front-centered control level. All safety mechanisms are located for easy reach during forage box use.

A standard equipment roof prevents crop loss in drier conditions. The roof also protects the box during storage. A roof front edge protector is also standard.



Massey-Ferguson has introduced the new MF 664 Forage Box. The forage box is available in 14 and 16-foot models, and features a plywood floor and sides which are bolted (not nailed) for more structural stability and flex when working on hilly terrain.

L-lysine plant on stream

CAPE GIRARDEAU, Mo. — BioKyowa's L-lysine plant, incorporating advanced process technology, equipment and production, has gone on stream. It is the first and only L-lysine plant in the U.S.A.

The $45-million plant was designed, engineered and constructed by the Process Division of The Austin Company, a subsidiary of National Gypsum Company, a subsidiary of National Gypsum Company.

A feedstuff protein supplement, L-lysine contributes to the cost-effectiveness of grain-based feeding of livestock. BioKyowa claims that its new facility will assure product purity of 98.5%.

Kyowa Hakko, parent company of BioKyowa, and inventor of the process for producing L-lysine by fermentation, has long been in the forefront of biotechnology. It has been producing commerical L-lysine in Japan for over 20 years.

In response to increased demand for L-lysine in the United States, Kyowa Hakko established BioKyowa in 1982 as a wholly owned subsidiary.

The Cape Girardeau production facility is Kyowa Hakko's first investment in the United States for animal protein production. It is the company's second overseas production base, the other being the jointly operated Fermex Company in Mexico.

WHITE FARM EQUIPMENT

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To Suit All Needs

Two loader tractors designed especially for stockmen!

Livestock means loader tractors. And the new 2-55 and 2-65 Field Boss® utility tractors were designed with livestock operations in mind. They come with a lot of standard features (extra-cost options on most other makes) that can save you time and effort.

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Tighter turning. You'll like the quickness and agility of the 2-55 and 2-65, too. Even the four wheel drive models turn almost as tight as most other two wheel drives. A big plus in feedlots and other tight spots.

These new tractors have so many work-saving features we can't list them all here. So come on in and count them up for yourself. It'll be worth the trip.

We just got in a utility tractor you'll have to see to believe!

It's the new 2-75 Field Boss® utility tractor from White Farm Equipment Company and it's fresh off the truck. This tractor is put together with the precision of a classic automobile. Yet it works like a bigger field tractor.

Power to spare. The engine on this tractor is a beautiful 75* hp, direct-fuel-injected six cylinder diesel. Teamed with the big-tractor power train and hydraulics, it makes the 2-75 more tractor than most utilities could ever be.

More standard features. What some other manufacturers call options come standard on the 2-75. Synchromesh transmission. Both 540 and 1000 rpm PTO. Two batteries for more starting power. Adjustable lower links on the 3-pt. hitch. And more!

This tractor is so packed with standard work-saving features, we don't have room to list them all. So come on in and count 'em for yourself!

Put more utility in your utility tractor with a Power Front Axle

Nothing beats the 2-55 or 2-65 Field Boss® utilities when it comes to work-saving standard features. They're packed with equipment some manufacturers charge extra for as options.

Add a Power Front Axle. But one option that really pays off in productivity is our Power Front Axle. It adds performance to any job. From field to feedlot. Anytime the going gets tough.

High clearance, tight turns. Adding four-wheel-drive doesn't mean losing clearance or agility. Because our Power Front Axle is designed for more front axle clearance than most four-wheel-drive tractors. Plus, even with the Power Front Axle, our 2-55 and 2-65 tractors turn almost as short as our two-wheel drive models.

Come in to the dealership and see for yourself what a Power Front Axle can do. We think you'll be impressed.

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HANDWERK BROS. SERV. CENT.
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Slatington, PA
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AgMaster unit reported

MADISON, Wi. — A new field model applicator for incorporating AgMaster silage inoculants during forage harvesting is now available from Marschall Products, Miles Laboratories, Inc., and authorized AgMaster dealers.

The new Model BT Applicator is specially designed to provide thorough, even inoculation of alfalfa or corn silage stored in bunker or trench-type silos or in plastic haylage bags. It also is ideally suited for field treatment of silage put up in conventional upright or sealed storage silos.

According to the Agri-Products Division of Marschall Products, the new chopper-mounted AgMaster applicator unit saves valuable filling time while ensuring proper dispersion of inoculant throughout the ensiled forage crop.

AgMaster inoculants contain high concentrations of freeze-dried bacteria which are activated when mixed with water just prior to application. They are then sprayed directly onto the chopped forage crop. This liquid application method speeds the silage fermentation process while minimizing the development of "hot spots" in the silo because the inoculant is uniformaly mixed throughout the silage.

Marschall also relates that the liquid field applicator may improve chopper efficiency by providing moisture to the cutting bars and blades. Equipment trials have shown that the addition of water during chopping aids in keeping chopper blades sharp and providing a proper length of forage cut.

The AgMaster BT Model Applicator is factory assembled, and inoculant flow rates are precalibrated to ensure accurate, reliable treatment of chopped forage. The sturdy metal frame which supports the Model BT Applicator can be mounted directly to the chopper or round baler or affixed to the tractor.

Each field model applicator unit features a 50-gallon white translucent platic drum with removable screw-type lid; a 12-volt pump with electrical wire, inline tuse coupling and on/off swith which can be wired into the tractor dash; EVA plastic inlet and outlet hoses with in-line nylon filter; and spray nozzle assembly with three interchangeable tips for mounting over the chopper inlet.

Complete instructions on applicator set-up and use, as well as a general parts list and one year warranty, are furnished with each Model BT Applicator. On-site technical assistance also is provided by Marschall Products through its authorized distributor/dealer network.

For more information on the new AgMaster Model BT chopper-mounted applicator, the Model VS blower-mounted applicator, or a list of the authorized AgMaster dealers in your area, contact: Marschall Products, Miles Laboratories, Inc., P.O. Box 592, Madison, Wisconsin 53701.

Honda offers versatile four-wheeler

New this year from the veteran manufacturer of motorcycles and ATC's is the TRX200, a four-wheel-drive work/pleasure vehicle built primarily for hauling. The TRX200 harnesses the power generated by its 192cc four-stroke engine to a five-speed transmission featuring both high and low ranges. The maneuverable workhorse also features shaft drive, solid state CD ignition, heavy-duty electric starter and front and rear carrier racks.

Allied employees form new fertilizer company

MORRIS TOWNSHIP, N.J. — Arcadian, the brand name of Allied Corporation's fertilizer line for more than 50 years, has been adopted as the corporate name of a few independent fertilizer company managed and partly owned by former Allied employees.

Arcadian Corporation is dedicated to developing, producing and marketing quality nitrogen and phosphate based fertilizers and related products, including Uran nitrogen solution, Suran nitrogen-sulfur solution and Poly-N ammonium polyphosphate solution.

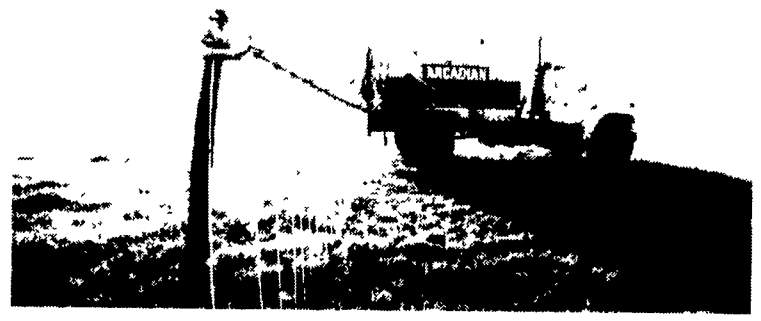
The company's management team is primarily comprised of former Allied marketing, sales and research personnel. Herbert Kirby, previously general manager-agricultural products for Allied Chemical, is president of the new concern.

In September, following the traditional spring fertilizer season, Arcadian will establish permanent headquarters in Parsippany, N.J., 30 miles west of New York City. In the interim, the company will operate out of its present quarters in Morris Township, N.J.

A shift in Allied Corporation's overall marketing strategy led to the sale of the liquid-fertilizer business. Last December, an investment group headed by E.F. Hutton and Allied's fertilizer-marketing team agreed in principle to form an independent fertilizer company.

The new company is sponsoring fertilizer-efficiency research at seven land-grant colleges in 1984. Projects at other unviersities are expected to resume in 1985.

June is dairy month



Arcadian, the brand name of Allied Chemical's fertilizers since 1928, has been adopted as the corporate name of a new, independent agrichemicals company managed and partly owned by former Allied executives. The Arcadian name is already emblazoned on scores of fertilizer applicators, such as the one shown here, and storage tanks across the country.

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Use our unique method of installing a one piece mat under a row of cows. Prevents movement of mat and bedding from creeping underneath. All "row" and single mats are cut from heavy one inch rubber belting.

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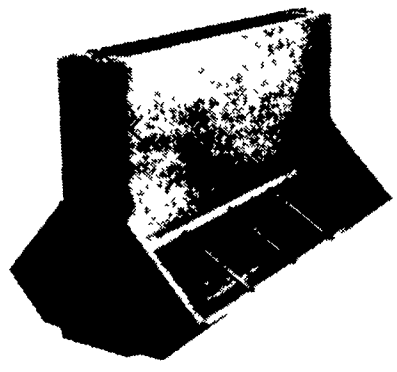

Advantages of Modern Ag Systems Stainless Steel Feed Equipment

All Stainless is Grade 304

- Stainless steel offers easier cleaning and no rust or corrosion for an extended life span.
- Top adjustable slides allow precise feed flow and very minimal feed loss.
- Wide tops are standard on all wet feeders and also available in dry feeders for maximum feed capacity.
- Floor mounts are standard on all double-sided feeders.
- Wall mounts are standard on all single-sided feeders.
- Fence mounts are available on feeders.
- Modern Ag Systems Feeders consist of precision parts and all-welded construction for maximum strength.

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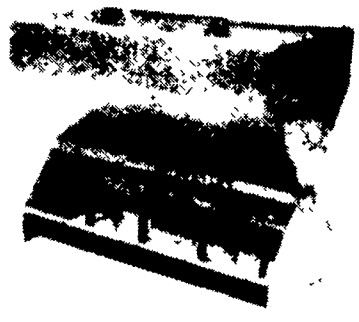

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- Hogs lick the platter clean when water and feed are combined in trough. This contributes to a 10% to 15% improvement in feed efficiency. Hogs go to market 10 days to two weeks faster on wet feed compared to dry feed.
- You get reduced feed wastage. Hogs get their water and feed at the same place. No need to carry feed on snout or mouth to waterer, where it is sloughed off into holding pit. Hogs feed faster, too, making it possible to supply more pigs with fewer feed holes. Pen square footage per pig can also be reduced.
- Get little pigs off to fast start. Young pigs will drink before they eat. When you combine feed and water at the same source you give those little pigs fast, healthy starts.

Also Available:

- **Farrowing Crate Feeders**
- **Pre-Nursery & Nursery Feeders**

Loader-backhoe added

The General loader-backhoe from Sperry New Holland is an articulated 4-wheel drive, hydrostatic diesel powered unit.

NEW HOLLAND — A new 4-wheel drive, articulated loader-backhoe has been added to the 7-model Sperry New Holland skid-steer loader line. The 53-HP diesel hydrostatic drive Model LB-620 is one of the designs acquired from The General Inc., Wichita, KS. Other designs include articulated loaders and rough terrain forklifts.

The LB-620 loader has 5/8 cubic yard capacity. The low-profile backhoe has 11-foot digging capability. An optional, extendable hoe allows digging to 13-foot depth.

The special appeal of the new articulated LB-620 is its ability to maneuver in spaces where tractor-type loader-backhoes are too clumsy, and to move well in poor traction conditions. the 53-HP diesel provides power for fast cycle times.

The compact size of the LB-620 simplifies job-to-job transport. Its (shipping) weight of less than 7,000 pounds allows safe trailer transport behind one-ton pickups. Its low profile allows towing through overpasses. On the job, it can work under a 7-foot overhead clearance. Loader dump height allows dumping into large dump trucks.

The new loader-backhoe will be manufactured in the Sperry New Holland Mountville, Pa. facility.

Bean herbicide okayed

WAYNE, N.J. — Scepter, a new soybean herbicide from American Cyanamid, has been granted an Experimental Use Permit (EUP) by the Environmental Protection Agency. The permit covers the use of Scepter herbicide on soybeans for the control of a wide spectrum of broadleaf weeds and sedges in 31 states.

Extensive field trials from 1981 through 1983 demonstrated that the new herbicide has excellent soybean selectivity and is especially effective on cocklebur, lambsquarters, pigweed, prickly sida, nutsedge and volunteer corn. The compound provides season-long weed control when applied at recommended dosage rates and fits all current soybean tillage systems.

Scepter can be applied preplant incorporated, preemergence or postemergence on soybeans. Timing of application is based on climatic conditions, weed spectrum, emerged species and applicator preference. Generally, one application will provide outstanding control of weeds and Scepter is compatible with other major soybean herbicides.

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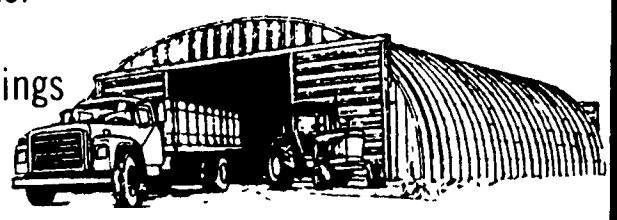

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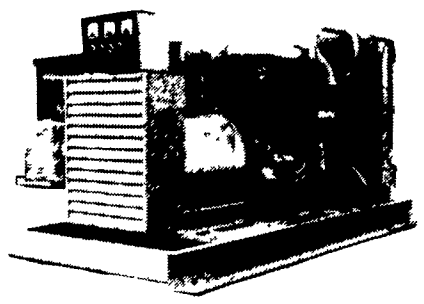

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Machinery costs up in 1984

(Editor's note: The following story is reprinted with permission of the Holstein World magazine. The article first appeared in the March 10, 1984 issue of Holstein World).

MINNESOTA, Minn. — It will cost more to plant and harvest your crops in 1984, reports an annual survey of machinery prices and estimates of operating overhead costs.

While fuel and interest costs have actually fallen, the purchase price of "iron" has increased in most cases. There are exceptions, but the net impact is for slightly higher total costs. What that across-the-board increase actually amounts to is difficult to determine because cost movement varies by machine.

Dr. Fred Benson, University of Minnesota extension ag economist, developed the following cost estimates based on a survey of regional sales offices of several farm machinery manufacturers. Total fixed and operating costs were then determined by formula.

Benson is quick to point out that the costs listed in the table are not indicative of every grower's costs.

"Individuals have unique costs because of differences in buying power, repair programs, average annual use and overall replacement programs," he says.

But he feels the costs can be used as a guide in crop planning, and extrapolated to give top-side custom rates.

Cost Breakdowns

Cash costs in these tables include only estimates for diesel fuel, oil and repairs (for both the tractor and implement). Diesel is priced at $1 per gallon, and lubrication costs are assumed to be 10 percent of fuel costs. The $1 per gallon diesel fuel costs compares to $1.20 per gallon last year.

All machines in the table are

(Turn to Page D11)

TABLE I
TILLAGE EQUIPMENT

Machine	Tractor HP	New Cost	Estimated Acres/Hr	Annual Acres Use	Total Cost/ Acre	Total Cost/ Hour	Cash Cost/ Acre	Labor Cost/ Acre	Diesel Fuel Gal/Acre
MB Plow 3-16	60	2 616	1 75	209 45	12 34	21 53	3 60	2 78	2 06
MB Plow 4-16	75	7 760	2 33	279 10	14 81	34 44	4 20	2 08	1 93
MB Plow 5-16	100	9 063	2 91	348 74	14 94	43 40	4 50	1 67	2 06
MB Plow 6-16	120	10 511	3 49	453 82	13 72	47 88	4 39	1 39	2 06
Chisel Plow 10 Ft	75	2 959	4 36	436 36	6 42	28 01	1 80	1 11	1 03
Chisel Plow 15 Ft	120	4 409	6 55	654 55	6 18	40 45	1 96	74	1 10
Chisel Plow 20 Ft	160	6 560	8 73	872 73	5 84	50 99	1 98	56	1 10
Field Cultivator 12	75	2 752	6 06	727 77	4 38	26 53	1 29	80	74
Field Cultivator 18	100	4 033	8 73	1 047 27	4 06	35 43	1 28	56	69
Field Cultivator 28	160	9 097	13 58	1 629 09	3 88	52 72	1 35	36	71
Disk 10 Ft	60	4 718	4 85	484 85	5 53	26 80	1 44	1 00	74
Disk 16 Ft	75	9 228	7 76	775 76	5 17	40 11	1 31	62	58
Disk 20 Ft	100	12 436	9 70	969 70	5 49	53 26	1 46	50	62
Disk 28 Ft	140	18 328	13 58	1 357 58	5 24	71 17	1 45	36	62
Disk Offset 14 Ft	140	10 075	6 11	610 91	9 02	55 09	2 72	79	1 38
Disk Offset 18 Ft	180	11 111	7 85	785 45	8 00	62 82	2 62	62	1 38
Springtooth Drag 30	60	3 325	16 00	480 00	2 29	36 68	38	32	22

TABLE II
PLANTING EQUIPMENT

Machine	Tractor HP	New Cost	Estimated Acres/Hr	Annual Acres Use	Total Cost/ Acre	Total Cost/ Hour	Cash Cost/ Acre	Labor Cost/ Acre	Diesel Fuel Gal/Acre
Corn Planter 4-36	40	9 335	4 58	320 73	10 05	46 03	2 15	1 90	52
Corn Planter 6 36	60	14 096	6 87	481 09	9 30	63 92	2 15	1 27	52
Grain Drill PW 12 Ft	40	8 677	4 78	382 25	8 60	41 10	2 04	1 74	50
Min-Til Planter 4-36	60	11 045	3 56	249 45	15 33	54 64	3 57	2 44	1 01
Min-Til Planter 6-36	75	15 488	5 35	374 18	13 47	72 01	3 22	1 63	84

TABLE III
MAINTENANCE EQUIPMENT

Machine	Tractor HP	New Cost	Estimated Acres/Hr	Annual Acres Use	Total Cost/ Acre	Total Cost/ Hour	Cash Cost/ Acre	Labor Cost/ Acre	Diesel Fuel Gal/Acre
Cultivator 4-36	40	2 310	4 65	465 45	3 95	18 39	95	1 06	52
Cultivator 6 36	60	3 446	6 98	698 18	3 51	24 49	94	71	52
Sprayer 30 Ft	40	3 129	14 18	1 134 55	1 94	27 51	41	66	17
Shredder 12 Ft	60	6 147	4 36	436 36	6 53	28 47	1 53	1 09	83
Light Truck	—	13 000	1 52	606 06	12 74	19 31			
Manure Spreader 150	75	4 118	3 49	349 09	8 07	28 16			
Manure Spreader 225	100	6 147	3 49	349 09	10 96	38 28			
Manure Spreader 400	100	10 200	4 65	465 45	9 73	45 30			
Gravity Box 185 BU	40	1 502	1 65	215 09	9 80	16 22			
Gravity Box 240 BU	40	1 663	1 65	215 09	9 97	16 49			
Hay Wagon	40	1 978	3 78	945 45	5 28	19 96			
Forage Wagon 16 Ft	40	9 490	1 65	215 09	16 07	26 60			

TABLE IV
HARVESTING EQUIPMENT

Machine	Tractor HP	New Cost	Estimated Acres/Hr	Annual Acres Use	Total Cost/ Acre	Total Cost/ Hour	Cash Cost/ Acre	Labor Cost/ Acre	Diesel Fuel Gal/Acre
Mower-Cond 9 Ft	60	8 984	4 09	327 27	9 76	39 94	2 29	1 28	88
Swather Cond 12 Ft	—	19 554	5 45	436 36	9 84	53 66	1 52	87	55
1 Ton Stacker	60	8 787	4 15	829 09	7 55	31 29	2 12	2 01	87
Baler PTO Twine	40	10 264	3 78	756 36	7 53	28 46	1 74	2 20	63
Round Baler 1000 Lb	60	10 920	3 01	602 73	9 75	29 40	2 81	1 75	1 19
Rotary Mower	40	1 913	2 73	272 73	6 40	17 45	1 65	1 74	88
Rake (HYD)	40	3 063	3 49	698 18	4 88	17 04	1 35	1 36	69
Forage Harv 1 Row	60	13 242	95	94 55	48 65	46 00	9 84	8 81	3 81
Forage Harv 2 Row	100	16 212	1 65	165 45	37 74	62 44	8 77	5 03	3 63
For Harv 2 Row SP	—	73 371	2 04	305 45	56 42	114 89	13 72	4 09	3 63
Forage Blower LG	60	3 226	1 00	50 00	28 06	28 06	6 02	4 75	3 60
Corn Picker 2-36	40	15 000	1 42	212 73	27 17	38 53	6 30	5 87	1 69
Picker-Sheller 2-Row	60	16 000	1 49	223 36	29 24	43 53	7 38	5 59	2 42
Combine Sm Grain SML	SML	5 292	4 10	819 39	17 98	73 68	7 11	2 03	1 46
Combine Sm Grain LRG	LRG	8 129	6 30	1 260 61	16 70	105 27	6 82	1 32	1 38
Combine Corn 4-36 Md	MED	13 038	2 84	567 27	36 43	103 33	14 88	2 94	2 54
Combine Corn 6 30 Lg	LRG	16 887	3 90	780 00	30 34	118 33	12 57	2 13	2 23

TABLE V
TRACTORS AND COMBINES (WITHOUT HEADS)

Tractor HP	New Cost	Annual Hours Use	Annual Fixed Cost	Annual Variable Cost	Annual Total Cost	Variable Cost/ Hour	Fixed Cost/Hr	Total Cost/ Hr	Repair Maint Cost/Hr	Fuel Cons / Hour
40 HP	14 505	500	2 366 23	1 788 15	4 154 38	3 58	4 73	8 31	94	2 4
60 HP	20 419	500	3 311 86	2 639 02	5 950 88	5 28	6 62	11 90	1 32	3 6
75 HP	28 278	500	4 564 78	3 387 67	7 952 45	6 78	9 13	15 90	1 83	4 5
100 HP	44 114	550	7 081 80	5 272 59	12 354 40	9 59	12 88	22 46	2 99	6 0
120 HP	48 460	550	7 772 35	6 160 42	13 932 77	11 20	14 13	25 33	3 28	7 2
140 HP	54 919	550	8 847 80	7 126 92	15 974 72	12 96	16 09	29 04	3 72	8 4
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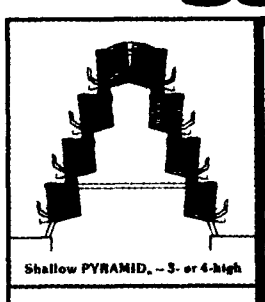

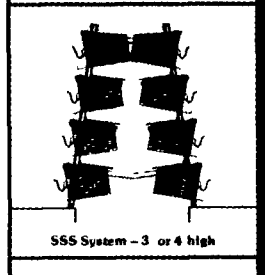

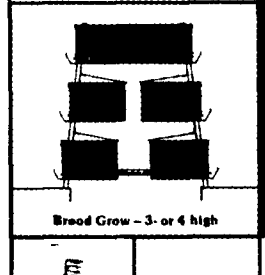

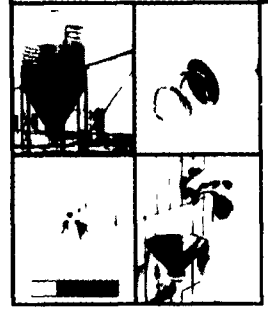

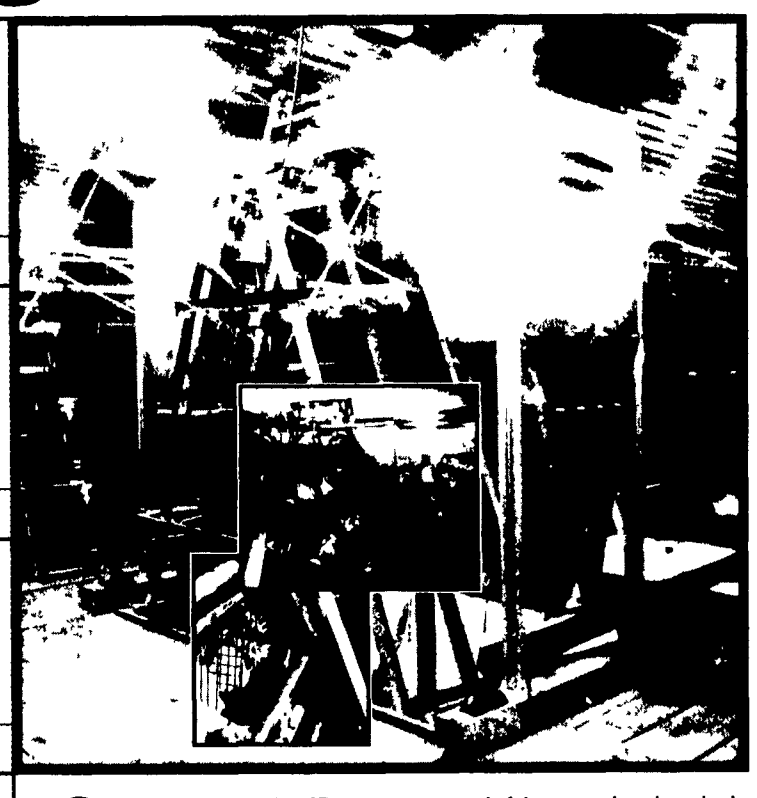

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Machinery costs

(Continued from Page D10)

assumed to be powered by diesel-fueled tractors. An estimate of gas consumption can be made by multiplying the fuel consumption factor by 1.36. To obtain a gas cost figure, multiply by the appropriate cost per gallon to your farm.

Total costs include cash costs, labor and fixed costs. Labor is figured at $4.75 per hour for unskilled labor and $7.50 for skilled labor. Operating tillage equipment is generally considered to require less skilled labor than planting and harvesting operations. Both wage rates already include a benefits package assumed at 30 percent.

Fixed costs include depreciation, interest, insurance and housing. Depreciation is taken over 10 years with a 10 percent salvage value remaining and 10 percent investment credit taken the year of purchase.

"Interest and insurance are calculated by multiplying the average investment (new costs plus salvage value divided by two) times the rates of interest and insurance," says Benson. While salvage value is no longer included in depreciation calculations for tax purposes, in reality some salvage value is offered at trade-in.

The interest rate used in this year's calculation was 13.5 percent; last year's was 14 percent. Insurance is figured at 0.75 percent, and housing cost was set at 75 cents per square foot.

Since there are no property taxes on machinery in Minnesota, none were included in the estimates.

Custom Rates

The total cost figures given in the tables can be multiplied by 20 percent to give a top-side custom rate estimate.

"Custom rates will vary from area to area and are always a function of the demand for and the supply of those custom services." Benson says.

"If two farmers are trading their services, they may price their services on a cash-cost basis. This assumes that the value of their labor and machinery overhead would be approximately the same," he says. If inputs, labor and machinery overhead are unequal, however, rates should be based on a total cost or suggested custom rate basis.

By adding 20 percent to total costs to arrive at a custom rate, you'll be covering items such as extra travel time and increased risk, along with some profit. —JAD

Davidson retires from Dow Chemical

MIDLAND, Mi. — After almost a half century with The Dow Chemical Company, John H. Davidson retired on June 1. He received a 50-year service award during a retirement tribute from his co-workers in Dow's Agricultural Products Department in Midland, Mi.

Davidson joined Dow in 1936 as an assistant horticulturist at the former Dow Agricultural Field Research Station in South Haven, Michigan. He received a B.S. degree in horticulture in 1937 and an M.S. degree in chemistry in 1940, both from Michigan State. He has been in Midland since 1957.

Except for three years as a Naval officer during World War II, including service in the Mediterranean and Pacific, Davidson has devoted his entire career to research, development and stewardship of Dow's agricultural products.

He is a member of the Weed Science Society, American Society of Horticultural Science, American Chemicals Society and American Phytophathological Society.

Davidson plans to use his extensive knowledge about agricultural chemicals by continuing to act as a part-time consultant for Dow.

Hybrid wheat available

CAMP HILL — Beachley-Hardy Seed Company will have Hybrex Hybrid Wheats available in limited quantities this fall on a test marketing basis, according to Frank Welsh, the firm's marketing manager. These soft red winter wheats will be available in two hybrids — HW-3007 and HW-3021, for use in Pennsylvania, New Jersey, and the Southern growing regions.

Developed by Rohm and Haas, these high-yielding hybrids have tolerance to Powdery Mildew. Hybrex Hybrid Wheats are the result of chemically induced male sterility which allows rapid and economic production of new wheat hybrids. The development of this hybrid wheat technology is comparable to the introduction of hybrid corn on corn technology during the past 50 years.

Further information can be obtained by contacting Beachley-Hardy Seed Company, P.O. Box 336, Camp Hill, PA, 17011, or through your local Beachley-Hardy dealer.

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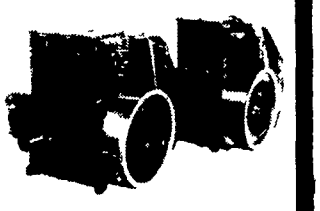

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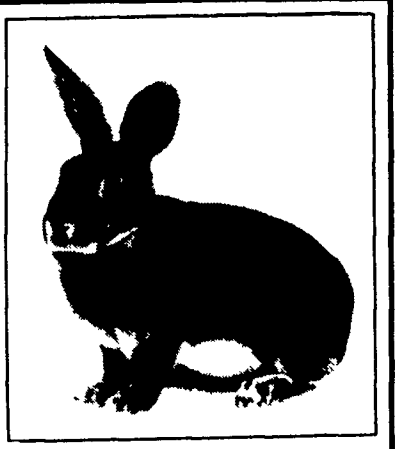

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Alternative agriculture introduced to W. Va. farmers

BY DEBBIE STILES-RENZI
Staff Correspondent

MORGANTOWN, W.Va. — After a slow-going, five mile journey over a dusty and rocky (dirt) road, the forest flanking both sides of the bulldozed track gave way to a cleared hillside garden known as Timberleaf Farm, site of a June 7 conference by "Agricultural Alternatives for Profit," an event co-sponsored by West Virginia University Cooperative Extension and the West Virginia Department of Agriculture.

Steve Rioch, owner-developer of the Lewis county, West Virginia, "mini-farm" (so named because commercial crop production is confined to ¼ acre), utilizes organic methods and the John Jeavens principles of bio-intensive farming in a vegetable truck farm. This farm was the location for the seminar that officially introduced this method of farming to West Virginia agriculturalists.

With an audience of farmers, gardeners, vocational agriculture instructors, county extension agents, and WVU faculty members, Rioch introduced the day's topic, "Utilization of Agricultural Alternatives", and the key speakers: Thomas B. Harding Jr., president of Progressive Agri-Systems Inc.,of Stockertown, Pa., and a director of the Institute of Alternative Agriculture (IAA); Dr. I. Garth Youngberg, executive director of the IAA; Bill Wolf, president of the Necessary Trading Company of Newcastle, Virginia; Brian Hoave, a student of John Jeavens, the man who developed the bio-intensive method; and coordinator of the conference Dr. Willem A. van Eck, WVU Extension Specialist, Soil and Water Resources; as well as others representing West Virginia University and the West Virginia Department of Agriculture.

In his opening address, Rioch began with an overview of the bio-intensive concept, a history of its development and the productivity and income facets, all of which are important in the understanding of the method.

What is currently termed bio-intensive mini-farming is a simplification of the biodynamic/French intensive method of crop production developed by British horticulturalist Allan Chadwick. The biodynamic/French intensive method, in turn, had its origins in Chinese agriculture of 4000 years ago and also Greek agricultre dating back 2000 years. In recent times, John Jeavens developed what is known today as the bio-intensive method out of a desire to provide Third World peoples with a food raising system that used as little land as possible and that employed a labor-intensive, low capital closed system ("closed" meaning a system where all inputs are produced or created on the farm).

Rioch became acquainted with John Jeavens and his group, Ecology Action, in Palo Alto, Calif., and there learned Jeavens' methods of vegetable production in order to put in a commercial operation and also farm experimentally to develop information for use in the Third World. In 1982, after leaving Orange County, NY., and his job as an airline pilot, Rioch purchased a hundred acres in Lewis county near Camden, West Virginia, and set up a greenhouse, several experimental plots and the money-making rows of 5 foot x 20 foot raised beds, in which crops ranging from Romaine lettuce to cherry tomatoes are grown to sell.

Data from Ecology Action, the group testing this production concept most extensively, indicate a 400 percent increase in yields over conventional mechanized farming is possible using these methods. This is due to improved soil drainage, texture and organic matter levels and creation of an ideal plant microenvironment within each raised, 100-square foot crop growing bed. By the same token, increased yields mean increased profits.

Last year, Rioch netted $5,000 from five rows of 5-foot-wide beds (1/8 acre). This year he projects net profits of $10-20,000 on his ¼-acre. This being on land so steep one gets dizzy just standing upright on it; and land once deemed suitable only for woodland or possibly pasture-for sheep or mountain goats.

According to Rioch, an individual using this method can earn between $5,000 and $20,000 with 1/60 of the traditional capital investment on just 1/8 acre working 40 hours a week during an 8-month growing season. By comparison, the current, average West Virginia farm net income is $5,000, Rioch pointed out and he believes that "West Virginia has a lot of potential for this type of agriculture" because of its adaptable soil types, orientation, climate, and proximity to well-organized state farmers' markets as well as large urban markets.

Rioch concluded his remarks by listing other groups and educational institutions who are conducting research in this area of intensive food raising, and by stating his main concern — that of global starvation and his personal goal to develop the means to produce 26 pounds of wheat in a 100 square foot bed — enough to make one loaf of bread a week for a whole year.

Brian Hoave, a graduate of Emerson College in Sussex, England, applies compost to the soil bed during his demonstration of bio-intensive farming methods.

Following up on Brian Hoave's demonstration, Barbara Crawford, a high school vocational agriculture instructor, transplants "Straight 8" cucumber plants in the demonstration plot.

These vegetable plants, grown using organic methods, are part of the Steve Rioch farm located in Lewis County, W. Va.

Technical Terms

Sophisticated low technology, transitional agriculture, compost, alternative agriculture, biologicals, organic farming, conventional agriculture, sustainable agriculture all these terms were defined and discussed during the course of the day-long seminar. In describing the tools used to create his 84-bed. ¼ acre garden, Rioch said he utilized "sophisticated low technology." His sole implements were the common garden rake, shovel, and fork.

Tom Harding, one of the conference's other main speakers, defined "transitional agriculture" as a state of production between conventional and so-called organic farming. The distinction is made when changing from use of chemical fertilizers, herbicides and pesticides in the realm of traditional agriculture to the use of compost in the practice of organic farming. Compost is defined as a ⅓-⅓-⅓ mixture of soil, carbon source (most vegetation) and nitrogen source (usually but not always animal wastes), that has been allowed to decompose and once decomposed, is used as a natural fertilizer and soil texturizer.

Harding heads a Pennsylvania consulting firm that assists farmers in making the transition from mainstream, conventional agriculture to organic crop production. According to Harding, most agriculturalists were moving from conventional to organic because of economics, not philosophy. Alternative agriculture refers to those methods of production other than the conventional, traditional, recommended- by- the- government- experts method that the majority of U.S. farmers follow today.

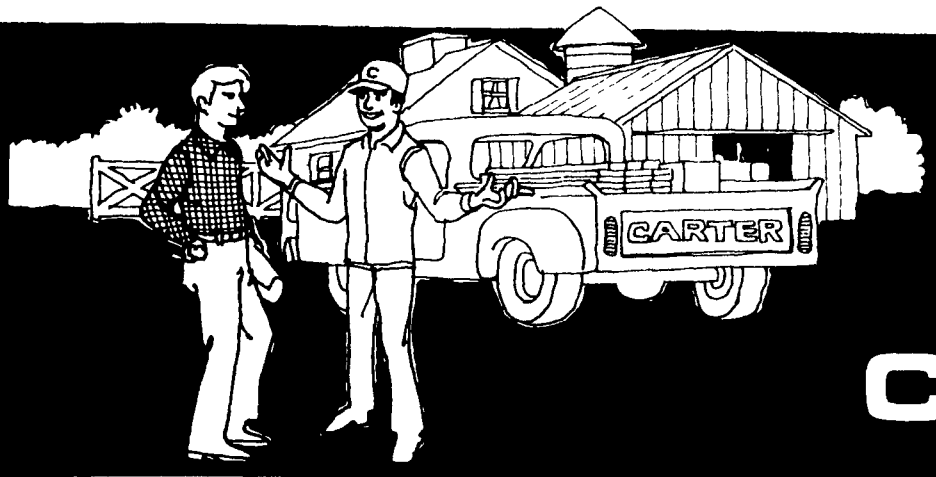
Harding, who says that he doesn't take an organic or conventional position but a "pro-farmer position," insists that farmers are making the move from energy-intensive, high capital production methods to labor intensive, low-energy methods such as organic, bio-intensive because it is a lower-cost, highly profitable way to farm. "It's not the size of the muscle, it's what you do with it," he smiled, in reference to the relatively small size but high profitability of farms such as Timberleaf.

"Transitional agriculture is a slow process. There is no quick fix," Harding said. "Right now, we are going through a period of understanding and change, and there must be this learning, this transitionally period."

Harding also said that organic methods presented at the conference are the hope of the future for sustainable yield, resource-conserving agriculture. In addition, he outlined some of the basic steps in organic livestock production: 1. Use a regular testing program to keep soil productivity up and harvest forages at their peak to get the highest quality produced for livestock consumption; 2. Pay attention to your animals. Look for clues that signal all is not well — listlessness, etc.; and 3. Enhance animal environments for optimal productivity.

Harding and his associates discourage the excessive use of antiobiotics, and are opposed to

(Turn to Page D14)



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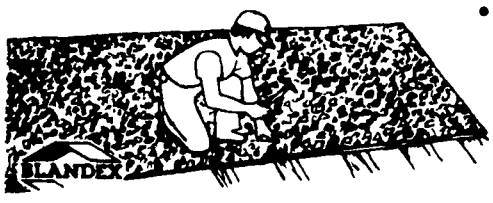

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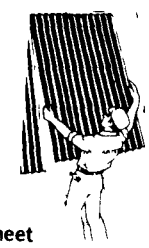

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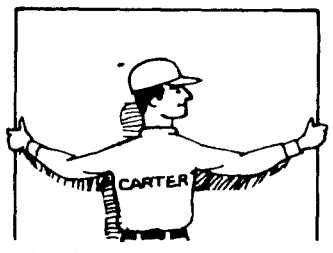

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CARTER 1984

Alternative agriculture

(Continued from Page D12)

growth implants. Microbials — substances that supposedly work with the naturally occurring microbes in the animal — are used in the organic dairy herd when problems such as mastitis crop up.

"We need to develop a national agricultural policy," Harding said, "one that is conducive to sustainable agriculture."

Crop Management

A former research associate of Buckminster Fuller rounded out the alternative agriculture conference program with his own views on the worldwide agricultural situation and practical advice on organic soil, pest and disease management. Bill Wolf, president of The Necessary Trading Company, an organic farming supply business, has been working with sustainable food systems (agricultural systems that have sustainable yields without relying on chemical fertilizer or pesticides) since 1968.

Wolf believes synergy — a word coined by futurist Buckminster Fuller meaning synthesis of energy, or doing more with less — as the major principle of sustainable agriculture. A self-proclaimed generalist, Wolf promotes the use of biologicals, biological pest controls and the ideas of biological soil management and the prevention of disease and pest problems at matching crops to climate and establishing healthy plants. His four basic principles pertaining to healthy soil management are as follows:

— management of the air in the soil (in general, increasing the amount of air);

— management of the natural water cycle;

— management of decay cycle — in order to maintain the crucial microbial life; and

— management of the soil mineral cycle.

Stressing prevention as the key to effective disease and pest management, Wolf outlined steps in producing a healthy crop: keeping moisture level constant — a wet/dry, wet/dry situation will reduce pore space and decrease microbial activity, two highly unfavorable conditions; and intercropping.

Also increasing and quality improvement of organic matter (greater than 3.5 percent, 5 percent or more organic matter by volume is best); cover cropping — green manures; regular soil testing, balancing and correcting of mineral deficiences; increased cation exchange capacity of the soil; selecting appropriate crops for available climate/location; and realizing the interrelationship of plants, soil, etc., and working within it.

Wolf foresees a "crisis in agriculture" due largely in part to air, water and land pollution created by conventional farming methods. He believes, however, that this dilemma can be rectified but only through a joint, group effort of all those in agriculture.

Bio-intensive Method

Brian Hoave, who studied under John Jeavens and learned his method of bio-intensive mini-farming, demonstrated for the conference group the basic technique of the method, that of double digging, during the afternoon session.

Using a sharpened Smith & Hawkins spade, Hoave, a graduate of Emerson College in Sussex, England, skimmed off the grass/weed layer of the demonstration plot. Then, following Jeavens' method (except for the instruction to wet the soil to a certain degree as outlined in Jeavens' book. Grow More Vegetables, he dug up the first 12 inches with the spade, afterward loosening the next 12 inches down with a garden fork.

After aerating the sample 5 foot x 20 foot plot and raking it smooth, Hoave added compost. Barbara Crawford, Lewis county high school vocational agriculture instructor, took over and sprinkled on the organic fertilizer components-bone meal, kelp meal, leather meal, green sand, etc. Explaining that it takes two hours to dig a 100 square foot bed, and 11 hours work from start of a bed to harvest of the crop, Rioch said that on a space basis the cost is 1/10 of conventional means and returns run an average of $350 per 100 square foot.

Barbara Crawford completed the demonstration on double digging by explaining hexagonal center, the spacing technique used in the beds. With this method of spacing plants, requirements are met while at the same time plants are spaced closely enough together to create their own microenvironment.

A large volume of information was conveyed to those in attendance at the Alternative Agriculture conference. During the panel discussion period held at the end of the day, the dissemination of information on the subject of alternative agriculture/organic farming was raised as on of the most important considerations. Organizations such as Ecology Action, the Institute for Alternative Agriculture, the Organic Crop Improvement Association and university research groups were indicated and challenged to provide the network through which the information could be distributed to the general public.

Marketing, also, was of major concern to those in the audience. Benjamin Brown, from the West Virginia Department of Agriculture, summed it up early in the day when he said "marketing is just as, or more important than any other production step the farmer practices, yet sometimes it is virtually ignored."

In reference to marketing, Tom Harding stated that in the last three to four years, a multi-million dollar market for organically grown foods has been created, and that he could find buyers for any West Virginia-grown organic produce. A good example of market planning was set by Rioch. For example, to save time this year he pre-sold his entire crop to a wholesalfer, Organic Farms, Beltsville, Md.

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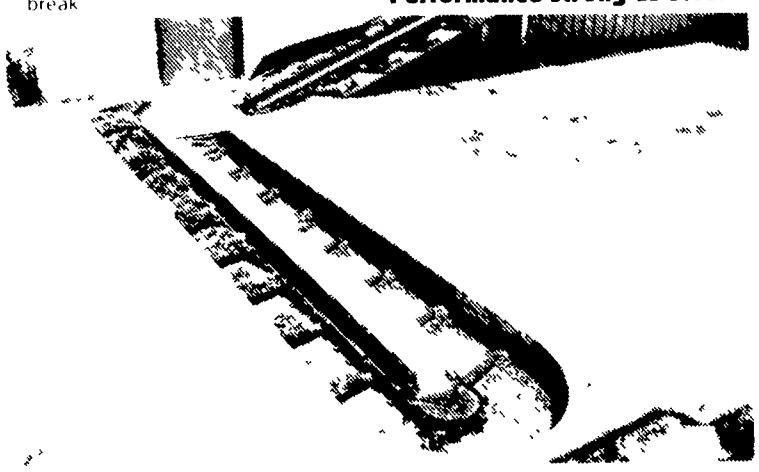

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The Milk Check

TOM JURCHAK
County Agent

June Dairy Month

Every year for the last four years when I've come to June Dairy Month my tune has been the same - milk producers at the crossroads. And we had a lot of crossroads in the last four years with opportunities to change direction but we went straight through on the same road. Our supply problem started in 1980 and since that time cow numbers have increased four percent; production per cow up 10 percent for a total increase in milk production of 13 percent when commercial sales increased only 1.5 percent. As a result there was an eight fold increase of government purchases from two billion to 16 bilion pounds of milk equivalent.

There were a number of reasons for the supply/demand problem and one of them was a price support program that was not responsive to the changes taking place. Not that there was anything basically wrong with the program, it was just that changing it was not politically smart. Producers, generally, got what they wanted until April 1981 when the cost of price supports reached $2 billion and the government was buying 10 percent of the milk.

That winter we got the first change in the support program since 1977 but nobody was happy. Since then we've had four changes all of which were employing the same solutions in different degrees. Some lasted a year, some only six months. The industry had never before experienced so much confusion and uncertainty that was reflected all the way from the farm to retail sales.

At that time, there seemed to be no light at the end of the tunnel and everything that was tried produced howls of protest from one or another part of the industry or the country. These were the years when I said we were at the crossroads with an opportunity to change direction but we went straight ahead on the same road. However, I don't believe that it was all a waste of time because, perhaps unconsciously, we were experimenting with changes and getting used to new ideas. It was hard to give up some old programs that really had a good track record for the past 30 years and try something new when no one could guarantee success. Headlines that screamed "milk tax" two years ago now say "contributions". A 50 cent "assessment" that was supposed to ruin the industry (even though it was refundable) is still in effect but it's part of a "self help" program to lower supplies.

Our attitude about some of these programs has changed more than the programs. Sure we've changed some from a 50-cent refund to a $10 diversion payment and we've gone national and mandatory with advertising and promotion but all of these were just a matter of degree. Certainly, none of them are new. We've been talking advertising and promotion since June Dairy Month started 47 years ago, and Lorton Blair in Bradford County, Pa., has been promoting voluntary diversion programs for 10 years. It's just that now we have, hopefully, accepted the idea that there are changes that must be made to improve your market position and we should try some new ideas.

Certainly, the adjustment will be difficult for some producers but perhaps you should view it as a Penndot detour - a temporary hardship for a permanent improvement. But don't be so hard on your leadership. Organization officers and directors were going through some of the same uncertainties as you and if you blamed them too much in the past then give them extra support now because I really believe you've come a long way in solving your own problems. Sue, the solutions are not yet here but your attitude toward the problem has changed.

We still have to wait until next Spring to really evaluate the diversion program and if we missed the mark at least we'll know how to do it better the next time if we want to use it again. The advertising and promotion program will take longer to prove itself and that too may not produce results that will satisfy everyone but future changes could be made it make it more effective. You may even decide to raise the "milk tax" in the future but, at least, I hope you give it a fair trial.

We're a long way from being out-of-the-woods in the milk business but we'll have another opportunity to pick the marketing tools that we want to include in the 1985 Farm Bill profiting from our past mistakes and approaching the task with an open mind. That's why I feel that this June Dairy Month you're turned the corner at the crossroads and headed for a brighter future.

Signs of the Times

If I sound optimistic about milk marketing it's because I am. I admit I keep looking for good news and there has been a fair amount lately. Sure, you can say I'm making mountains out of mole hills but it's been so long since I've seen a mole hill that maybe I'm excused. Take the Minnesota-Wisconsin price for May. It was $12.08 for 3.5 milk and that was one cent more than April. One cent certainly seems small but I thought it was good news because that's the first time there's been an increase from April to May since 1979 and that was because of an increase then in the support price.

If one cent doesn't impress you how about 5.5 cents? That was the jump that Chicago butter prices took the first week of June. No one I talked to remembers when butter jumped five cents in the Spring but that put it within three-fourths of a cent of the support price which is $1.49 a pound. The best sign is a Uniform price in Order 2 for May that was $12.26 - only 10 cents less than April and all of that from a 10-cent increase in your Louisville Plan payment from 30 cents in April to 40 cents in May.

That 10 cent drop in the blend price between April and May was the lowest in Order 2 since 1980. Sure, it was 38 cents less than last April but up until now prices this year have been about 50 cents a under a year ago because of the support price cut. So all of these are signs that marketing conditions are improving and you can place the credit wherever you wish, but most of it belongs to you.

Finally, if you're in the Milk Diversion Program; qualify for a second quarter payment and would like to have the money, check with your ASCS office and see if they won't take your weight slips for June milk marketings so you can collect early.

AMI elects officers

KENNETT SQUARE — Officers of the American Mushroom Institute for 1984-85 were elected during the Board of Directors meeting on June 4. They will serve for a one year term.

They include: Chairman: Tom Brosius, Charles C. Brosius, Inc., West Grove.

President: Naz Paloni, Jr., N. Paloni & Sons, Hockessin, Del.

1st Vice President: Joseph DeNorscia III, N. Basilio & Son, P.O. Box 696 Kennett Square.

2nd Vice President: Steve Vincenti, Rosedale Mushroom Corp., P.O. Box 188, Norway Road, Kennett Square.

Secretary: Richard Forte, A & F Mushrooms, 523 Schoolhouse Road, Kennett Square.

Ass't Secretary: William Diviney, Modern Mushroom Farms, Inc., P.O. Box 655, Kennett Square.

Treasurer: Frank DiMarco, DiMarco Mushrooms, 109 E. Avondale-New London Road, West Grove.

Ass't Treasurer: Joseph Versagli, Jr., J.P.V., Jr. Mushroom Co., P.O. Box 909, Avondale.

Vice Chairman: Richard Edwards, 16 Pine Drive, Oxford.

Past President: Henry M. Roberts, R.K.R. Mushroom Farms, Box 394, Avondale.

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Pa. Sheep and Wool Growers hold field day

BY BARBARA RADER
STAFF Correspondent

MERCER — Attracting shepherds from New York and Ohio, as well as Pennsylvania, this year's Pa. Sheep and Wool Growers Field Day, held on June 2, featured something for everyone.

Morning activities included demonstrations on docking, castration, drenching, age determination, foot care and treatment, vaccination, sheep shearing and wool grading.

All in attendance enjoyed exchanging ideas, and numerous displays and exhibits provided an abundance of sheep products and equipment.

At noon a lamb dinner was served, followed by a program entitled, "Profitable and Innovative Sheep Production", presented by Charles Boyles, manager of the Southeastern Ohio Resource Development Center located in Caldwell.

Throughout the day door prizes donated by 15 of the commercial exhibitors were given away.

Prizes were also awarded to winners of the shearing contest, wool show and lead line classes.

The competition's top shearer was Dale McMillen, age 16, of Sugargrove. A member of the Shamrock Sheep Club, Dale has been raising and showing his registered Horned Dorsets for the past seven years. He also joined the Spindle Spinners two years ago and is now a wool spinner.

As judge of the wool show, Penn State sheep specialist Clair Engle had his work cut out for him, with producers presenting 35 fleeces to be judged in purebred and commercial categories.

Engle selected a fleece entered by New Castle resident Linda Mosley as the overall grand champion. Mosley's Corriedale fleece was also judged the best of medium purebred division.

Joining the Mercer County Handspinners and Weavers five years ago led Linda to try her hand at sheep raising one year later. She now owns six registered Corriedales along with one black Corriedale ram, and is a member of the Youngstown Area Weavers Guild in Ohio. Mosley also enjoys raising Angora goats and rabbits for wool.

Darlene Olson's purebred Suffolk fleece was selected as both the reserve champion and winner in the commercial medium wool division. A Claysville resident, Olson is a past president of the Washington County Sheep and Wool Growers Auxiliary and is currently serving as the group's wool promotion chairman.

Concluding the day's activities was the lead line competition. Clad in wool fashions, the girls presented their fitted and halter-trained yearling ewes or lambs in junior and senior categories. Judging was based on control, presentation and appearance of the sheep, as well as the contestant's outfit. Extra points were awarded to those wearing wool or wool-blend clothing.

Lawrence County resident Gayle Clyde and her Suffolk ewe was named junior division winner. Others placing in the junior competition were: second, Amy Musser, New Middletown, Ohio; third, Kim Orr, Kinsman, Ohio; fourth, Cheryl Ferguson, Fredonia; fifth, Christine Calvert, Mercer; sixth, Andrea Musser, New Middletown, Ohio.

First place in the senior division went to Sue McClelland of Sagertown and her Hampshire ewe. Other senior winners were: second, Kelly Unger, Clinton; third and fourth respectively, Jodie and Cathy Dean, New Castle; fifth, Kim Osborne.

The Field Day's chairman was Taylor Cotton, a director of the Mercer County Sheep and Wool Growers Association. Lending assistance to the chairman was the Field Day committee, including County Association president, Lee Mahoney.

Linda Mosley displays her grand champion fleece at the conclusion of the wool show. Shorn from a registered Corriedale ewe, the fleece was also the winner in the purebred medium fleece category.

This "Little Bo-Peep" is Andrea Musser of New Middletown, Ohio, with Danielle, her registered Suffolk ewe lamb. The pair placed fifth in the lead class junior division.

Dale McMillen of Sugargrove took sheep shearing honors at the Pa. Sheep and Wool Growers Field Day held at Mercer 4-H Park on June 2.

Contestants in the lead line classes at the Field Day are, (left to right): Gayle Clyde, first, junior div.; Kelly Unger, second, senior div.; Cathy Dean, fourth, senior; Jodi Dean, third, senior; Sue McClelland, first, senior; Kim Osborne, fifth, senior; Cheryl Ferguson, fourth, junior; Kim Orr, third, junior; Andrea Musser, fifth, junior; Amy Musser, second, junior.

Two veteran spinners choose a different way

BY BARBARA RADER
Staff Correspondent

Two ladies, young at heart, showcased their old and unusual spinning techniques at the Pa. Sheep Field Day held at Mercer 4-H Park on June 2.

Sophia Dorfia and Anna F. McClimans, both of Greenville, are charter members of the Mercer County Spinners and Weavers Guild.

Sophia, who fled from Germany with her family, chooses to spin her wool with a handcarved distaff believed to have been crafted in Romania over 100 years ago. After using her distaff for the past 65 years, Sophia finds that she can spin faster with the tool than with a conventional spinning wheel.

The vest she is wearing in the above photo is one example of what Sophia and her disstaff can accomplish.

Anna McClimans began her spinning career 33 years ago at the age of 40.

Wanting to employ the techniques of her Irish ancestors, Anna worked with the fleeces from her Cheviots to make a sweater for her great grandson.

Collecting 20 gallons of raw goats milk, she submerged five bags of wool in the milk for four weeks. By this time, the wool was infested

(Turn to Page D17)

Anna McClimans' old Irish techniques even put maggots to work.

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1,000	4'0"	10'8"	7	1,129	406.00
1,000	5'4"	6'0"	7	1,028	378.00
1,500	5'4"	9'0"	7	1,388	509.00
2,000	5'4"	12'0"	7	1,735	620.00
3,000	5'4"	17'11"	7	2,432	837.00
4,000	5'4"	23'10"	7	3,130	1055.00
5,000	8'0"	13'7"	1/4"	4,484	1821.00
6,000	8'0"	16'0"	1/4"	5,588	1926.00
8,000	8'0"	21'4"	1/4"	6,981	2414.00
10,000	8'0"	26'8"	1/4"	8,375	2847.00
10,000	10'0"	17'0"	1/4"	7,829	2610.00
12,000	8'0"	32'0"	1/4"	9,768	3310.00
12,000	10'0"	20'6"	1/4"	8,946	2969.00
12,000	10'6"	18'7"	1/4"	7,900	2978.00
15,000	8'0"	40'0"	5/16"	14,823	5003.00
15,000	10'6"	23'2"	5/16"	11,857	4575.00
20,000	10'6"	31'0"	5/16"	15,105	5716.00
25,000	10'6"	38'9"	3/8"	23,883	7600.00
30,000	10'6"	46'6"	3/8"	27,923	8800.00

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Capacity (Gallons)	Diameter	Length	Gauge (Thickness)	Weight (Pounds)	Price FOB Quarryville
275*	27"	5'	14	250	*60
3,000	5'4"	17'11"	7	2,432	150 to 300
4,000	5'4"	23'10"	7	3,130	250 to 500
6,000	8'0"	16'2"	1/4"	5,123	500 to 660
8,000	8'0"	21'6"	1/4"	6,475	700 to 880
10,000	8'0"	26'8"	1/4"	8,375	1100

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1820	115V w/meter, w/cabinet	14-15	*413.00
1820K	115V, same as Model 1820 w/2 units, Keytrol	14-15	*513.00
390	115V w/Meter	14-15	*516.00

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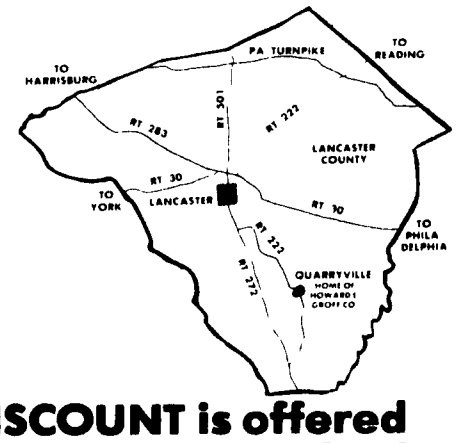

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Sophia Dorfia forsakes the spinning wheel for her 100-year-old distaff.

Two spinners

(Continued from Page D16)

with maggots, which, believe it or not, was precisely what Anna had in mind.

According to Anna, the maggots give the wool an intriguing pastel color, as well as softening the texture of the fibers and imparting a desirable sheen.

After this process was complete, the wool was ready for dying. Bringing a water-filled copper kettle close to the boiling point, Anna submerged the wool and added onion skins. Cooling gradually overnight in the onion skin brew, the wool took on a soft yellow color.

Next, Anna began rinsing the wool, beginning with warm water and changing gradually to cold. Drying the wool on screens in the shade kept the wool's delicate color from fading.

Unfortunately, most of the stubborn maggots refused to be rinsed out, so Anna began the tedious job of removing them by hand, a process that began in late September and was completed in December.

Since the above processes removed most of the wool's natural oil, Anna added a bit of kerosene before spinning. She says the kerosene won't change the color and also helps in moth-proofing.

With her spinning completed, Anna was finally ready to get down to the business of manufacturing that sweater. Nothing to it!

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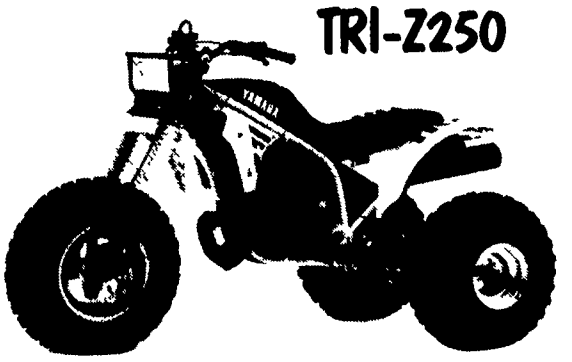

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Dauphin County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

May Report

OWNER	BREED	% DAYS IN MILK	LBS. MILK	LBS. FAT
Roy M Brubaker	H	81 3	19,595	705
Catalpa Farms	H	135 2	19,419	690
Robert J Schaffer	H	61 4	18,314	687
Restful Acres	H	90 7	18,533	684
Roy C Wilbert	H	39 4	18,574	659
John Hertzler	H	77 0	17,610	657
J Melvin Brandt	H	76 3	16,988	651
Crissinger Dairy Farm	H	85 6	17,006	648
Earl Campbell	H	47 4	16,438	646
Stoney Lawn Farms	H	58 9	18,628	639
Robert H Beach Jr	H	42 9	16,570	635
Conewago Farms	H	37 1	15,322	622
Mahlon L Lehman	H	58 7	17,116	620
Elwillo Farms	MB	134 5	16,163	620
Alwine Farms	H	74 0	16,293	614
Terlin Farms	G	69 9	13,077	613
Larry L Boyer	H	23 6	16,751	612
Wil-Lene Farms	H	65 9	16,487	606
Wilmer Campbell	G	63 9	13,650	601
Robert Oellig	H	36 4	15,518	601
A Grand View	H	140 6	16,087	591
Lytle Farms Inc	H	101 4	16,778	563
Great View Farms	H	51 7	15,461	581
Arthur Brandt	H	93 9	15,371	580
Harold M Nissley	H	42 1	16,247	574
Sher Mar Acres	H	58 6	15,608	570
Donald Engle	H	79 6	15,892	569
Dale F Faust	H	49 6	15,878	567
James Lesher	H	42 3	14,760	550
R Own Dairy Inc	H	85 3	14,604	549
Walter Schaffer	H	25 2	13,482	546
Homer Campbell	H	80 1	14 311	534
Paul E Clugston	H	96 7	14,853	533
Floyd Feidt	MB	69 1	13,596	514
Lee R Sweigard	H	23 9	15,329	512
Noah W Sauder	H	48 6	14,059	508
Lauden Farms	H	178 7	14,186	506
Raymond Belack	H	81 3	13 665	504
Donald Miller Deemar	H	53 9	13 267	500

305 Day Lactation Records Above 600 Lbs. Fat

OWNER NAME OR NUMBER	AGE	LBS. MILK	% FAT	LBS FAT
Restful Acres				
Heather	7 10	17 857	4 0	719
Tiffany	4 4	25 701	3 1	803
Gem	4 1	17 390	4 1	720
Gilda	3 10	21,461	4 4	935
Marla	3 6	25 086	3 5	870
Bunny	2 8	16 944	3 6	602
Nosy	5 9	16 290	4 1	672
Donald Engle				
50	4 9	18 904	3 3	633
140	3 6	17 113	3 6	610
Great View Farms				
Marge	7 9	20 190	4 1	819
Roy M Brubaker				
Racheal	7 2	19 885	3 4	682
Alice	6-6	20 973	3 2	671
Joyce28	4 1	20 497	3 2	661
Ellen 17	2 5	23 587	3 5	814
Molly 55	3 5	16,267	3 8	619
Marcy 42	3 2	20 624	3 3	687
Mae 29	3 4	20 466	4 7	968
Sher Mar Acres				
15	5 8	18 143	3 5	643
7	4 2	17 489	4 1	709
18	3 3	16 489	3 7	617
Raymond Belack				
Amy	4 11	15 672	4 3	679
Wil Lene Farms				
37	8 8	18,140	3 3	610
22	4 6	18 885	3 8	723
56	4 3	21,149	3 5	731
75	3 6	17 730	4 5	802
Roy C Wilbert				
Lindy	3 11	17,860	4 0	714
Boots	3 11	19,593	3 2	603
Holly	2 10	19,784	3 6	718
A Grand View				
107	3 5	19,099	3 7	714
28	4 2	16,557	4 1	687
48	3-9	14,665	4 4	651
Elwillo Farms				
65	7 0	18,082	3 4	606
13	6-0	19,621	4 3	838
167	4 8	18 200	4 0	722
34	3-3	17,834	4 2	753
1	3-8	21,227	3 5	750
John Hertzler				
Star	9-4	23,462	2 6	612
Alice	4 3	17,384	4 0	691
Betty	3 11	16,393	3 9	636
Pansy	2-3	14,341	4 4	638
Terlin Farms				
Joanna	5 6	15,925	4 1	651
Marabel	2 1	12,767	5 2	660
Sassy	2 4	14,987	4 8	715
Robert J Schaffer				
Bertha	7 0	21,479	3 5	759
Stoney Lawn Farms				
Coco	8 1	21,539	3 2	690
Auntie	3 6	20,097	3 1	623
Cinamon	2-2	20,362	3 2	661
Lytle Farms Inc				
Carol	8 5	18,760	3 6	673
Alva	6 2	19,292	3 9	755
Ada	5 9	17,714	4 0	714
Laurel	4 9	17,640	3 8	668
Crissinger Dairy Farm				
Flacky	7 6	17,107	3 6	609
Mandy	5 10	18,425	4 2	778
Stillie	6 3	18,269	4 1	748
Millie	4 6	17 224	3 7	629
Gail	3 7	18,553	3 5	641
Marle	3 4	15,044	4 4	658
Christie	3 0	16,825	4 5	761
Claudia	3-3	17,692	4 0	712
Toni	2 8	16 465	3 8	632
Floyd Feidt				
Camay	5 0	16 199	4 0	649
Mahlon L Lehman				
Lea Ann	8 7	18 705	3 7	700
J Melvin Brandt				
Jo Jo	8 9	18,789	3 7	697
Pansy	7 3	16,659	3 8	627
Phoebe	6 7	14,929	4 1	617
Starla	6 6	22,675	3 7	837
Pom Pom	5 5	21,095	3 8	804
Curtis	3 9	19,069	3 3	634
Sabrina	4 6	21 026	3 7	787
Wilmer Campbell				
Poppy	6 10	15,033	4 1	623
Phyllis	4 0	13 012	4 6	604
Mona	6 7	14 399	4 9	708
Harold M Nissley				
Kelly 27	5 4	22,275	3 6	806
Joni 97	5 1	17,232	3 4	581
Libby	4 7	14,973	4 1	608
R Own Dairy Inc				
7	5 6	17 796	3 7	660
Alwine Farms				
Penelop	5 3	17,771	3 4	600
Catalpa Farms				
73	6 9	23,816	3 5	840
231	3 0	16 166	4 1	668
242	2-10	19 327	4 0	766
M2	1 11	15,723	3 9	608
285	2 4	15,315	4 5	688

Centre Co. DHIA Report

dhia — Pennsylvania Dairy Herd Improvement Association

April, 1984

The high herd in the Centre County DHIA for April was Valley Wide Farm, R2 Spring Mills The Valley wide herd of 79 cows had a rolling herd average of 21 593 pounds of milk and 828 pounds of butterfat with 87 6 percent days in milk

OWNER	NO COWS	% DAYS IN MILK	LBS MILK	LBS FAT
Richard Trinca	52	87 3	20 509	786
Stringers Sand Ridge	66	87 5	19,560	780
Joseph Hartle Jr	70	88 7	20,855	777
Paul Hartle	37	87 6	20 427	771
L Thomas Musser	45	90 0	19,505	771
Richard & James Graham	104	87 1	20,661	760
Jay Houser	61	89 6	20,682	741
Evan&Ricky Homan	58	86 4	19 672	737
Jesse&Mary Burkholder	41	87 9	20 199	725
Paul Vonada	60	88 7	18,428	720
Glenn & Robin Gorrell	44	87 6	19,604	716
James Houtz	50	86 2	18 662	707
Pond Dale Farms	70	88 5	19 075	706
Rodney Reese	97	88 8	18 637	705
Daniel & William Boob	71	87 0	18,242	700
Reesebrook Farms	115	86 5	18 077	697
James & Susan Howes	44	87 2	18,143	694
John Ishler	67	88 3	18 624	693
Bruce Ulmer	58	88 9	18,918	686
G Kenneth Nolan	36	88 9	19,523	675
Carl Gates	39	84 5	18 298	668
George & Ron Zimmerman	34	88 4	17,493	668
Murmac Farms	59	87 8	19,430	664
Lynn & Margaret Neer	94	83 9	17,627	659
Fred Burris	31	85 5	17 427	658
Mingo Meadow Farms	59	88 7	17,816	656

denotes 3 times a day milking

During the month there were 92 herds with 4,975 cows processed in the DHIA program, according to Russell C Seward, County Agent Production ranged from a high of 59 9 pounds of milk, testing 3 8 percent fat, to a low of 25 4 pounds of milk, testing 4 1 percent fat

In the owner-sampler program there were 17 herds with 628 cows being processed The herds ranged from a high of 53 1 pounds of milk, testing 3 7 percent fat, to a low of 25 2 pounds of milk, testing 3 5 percent fat

The ten high individual cow actual production records in DHIA produced on a two times a day milking in 305 days or less (unless otherwise indicated) were in the following herds

OWNER	LBS. MILK	% FAT	LBS. FAT
Valley Wide Farm	21,512	5 0	1072
Valley Wide Farm	26,189	3 9	1013
Valley Wide Farm	27,699	3 6	998
Jesse & Mary Burkholder	23,221	4 1	958
Richard Trinca	22,570	3 8	858
Thomas Boldin	20,766	4 1	856
Richard & James Graham	21,974	3 9	852
L & R Hough	23,694	3 6	847
Paul Hartle	23,445	3 6	839
Fairbrook Farms	21,354	3 9	836

Note All animals and herds are Holstein unless otherwise noted

The high goat herd for the month was

Sinking Springs Farm	5 5	4 8

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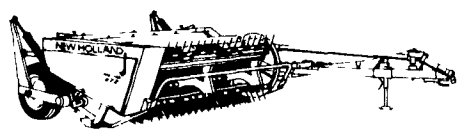

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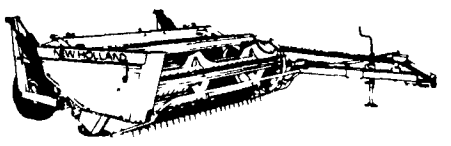
8. Gear Driven Rolls For Quiet Dependable Operation



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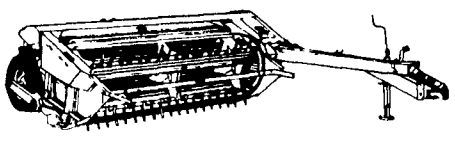

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10. Standard or Stub-Guards Available
11. Gear Driven Rolls For Quiet Dependable Operation

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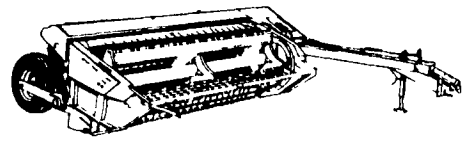

To cull or not to cull — that's the question

DAVIS, Ca. — Culling the right cows can affect more than just a milking operation's profitability. It may also determine a milk producer's future, according to dairy researchers across the country.

With reduced milk price supports, both milk diversion participants and those who didn't sign up will be pressured to become more efficient producers, notes Donald Bath, extension dairy specialist with the University of California at Davis.

The milk diversion program does offer participating dairymen an excellent opportunity to cull problem cows and make their herds more efficient, Bath points out. However, he suggests, even those not participating could be better off culling their herds instead of cutting back on feeding rates in an effort to reduce operating costs. This allows dairymen to focus their attention and feeding programs on cows with the proven ability to generate income, he says.

"When milk prices were high, some producers could afford to have an inefficient or unprofitable cow or two," Bath observes. "But not anymore. Now, they must have what some extension economists call 'cash register cows' — cows that generate income."

Difficulty Setting Criteria

Sorting cash register cows from those that milk away a dairy's profits is difficult, adds Charles Sniffen, extension dairy nutritionist at Cornell University. Too often, dairymen cull cows for the wrong reasons, he claims, because they don't consider all the criteria a culling decision entails.

Dairymen should not cull cows without taking the entire picture into consideration, says Sniffen. "If a cow isn't a top producer, she may still have many desirable traits," he explains. "For example, a sound, healthy cow that will be able to produce milk for a long time might be a better animal to keep than a higher producing cow with a history of breeding problems."

Producers should cull a cow only after determining that she isn't producing income to justify her continued presence in the herd, suggests Dr. Nate Smith, director of dairy research for Ralston Purina Company. If at all possible, he adds, they should not cull any cows until they've graded each according to a set of guidelines.

For example, Dr. Smith says, a key culling consideration is milk production so cows with low genetic potential should always be considered in any culling targets. Prime culling candidates, he suggests, include first calf heifers producing less than two-thirds the herd average, as well as older cows below herd average.

Advises Caution

But, before making any culling decision based upon production data, dairymen should make certain they're getting top potential from each cow, Smith cautions. He explains that many producers seeking cost reductions have unbalanced their milking rations, effectively reducing cost-efficiency.

"Response to an unbalanced ration may vary among cows and first-calf heifers," he explains. "Before culling a cow that could become your top producer, we strongly recommend making sure an improperly balanced feeding program is not the real production problem."

Once a feeding program can be removed as a consideration, Smith adds, dairymen can begin deciding which cows should be culled.

For example, says Smith, cows that have had repeated breeding problems are ready for culling. "Even if a cow is a top milk producer, the money made on extra milk in early lactation can be lost quickly if she remains open for an extended period of time," he says. "A delayed calving interval means lost milk production, lower average production over the cow's milking lifetime and reduced profits," he points out.

Comparing Costs

In addition, cows with chronic health problems such as mastitis, as well as cows with foot, leg of other injury associated problems, should be given first consideration for culling. However, Smith warns, these cows should not be culled automatically. First, he suggests, dairymen should compare the costs of treatment and extra labor against a cow's future milking profitability. If a cow could recover, and if her milking potential justifies the expense, he says, then she should be kept unless other criteria weigh against her.

Agreeing, Bath adds, dairymen culling sick cows must consider both the long and short term affects of an illness upon a cow's milking capabilities. "Some temporary ailments significantly impair a cow's milk production level through the current lactation," Bath notes. "Although these cows may recover, dairy farmers might be better off to cull such cows. On the other hand, it may be worthwhile to keep a sick cow if her genetic ability shows she could be profitable in the future. Whenever possible, milk producers should cull cows based on more than just one criteria," he emphasizes.

In addition to health problems, cows that consistently cause management problems are also candidates for culling, Smith observes, particularly those difficult to milk or those who disrupt the milking routine of other cows.

Nonetheless, the value of milk produced by a cow over feed and management costs is the single most important criteria that should be considered in timing the culling decision, he adds. Generally, older cows are more likely to be culling candidates, especially if they fall within other culling criteria, Smith says.

Once dairymen have decided which cows to cull, and when to sell, Smith points out, they can then focus attention on their top producing cows. This will result in a more efficient use of existing facilities and resources, while also improving profit potential, he concludes.

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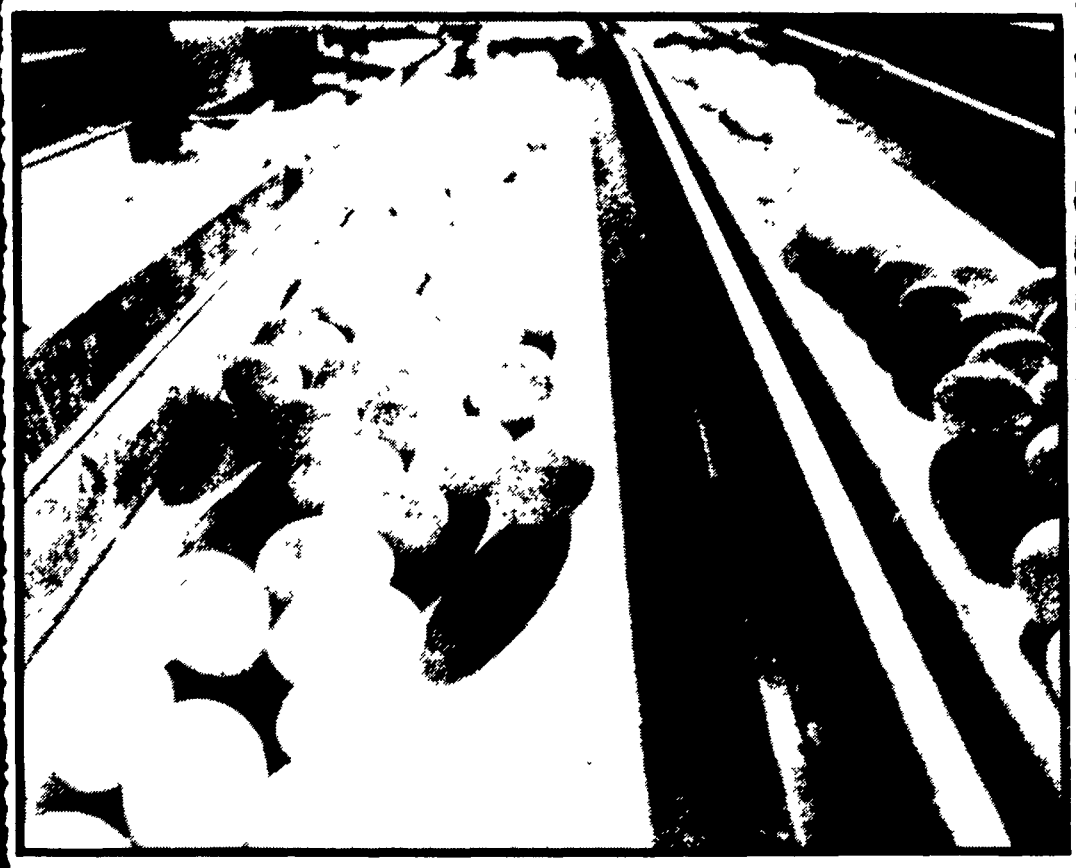

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Packers, buyers attend Keister's Ag Day

MIDDLEBURG — More than 30 meat packers and buyers participated in Keister's auction on Tuesday, June 12. The sale coincided with Keister's third annual Pennsylvania Ag Day, an event that attracted 20,000 visitors this year.

The following is a list of participating meat packers and buyers:

John Diehl & Sons, Shippensburg; Herman Morris, Orangeville; Barton Meats, Port Royal; K&R Meats, Wyalusing; Peachey Meats, Belleville; Lloyd Rhodes Mkt., Martinsburg; Etzlers Meat, Beavertown; Conti Packing Co., Rochester, NY; Gartner-Harf Co., Erie; Wayne Craig & Sons, Shippensburg; Herwitz Packing, Harrisburg; Robzen Packing Co., Scranton; Richard Baumert, Herndon; Shamokin Packing Co., Shamokin; Linden Packing Co., N.J.; Strohecker & Baumert, Herndon; M. Brizer & Co., Jermyn; Taylor Packing Co., Wyalusing; Moyer Packing Co., Souderton; Bierly Meats, Boalsburg; Metzger Meats, Winfield; Thomas Thiede, Forest City; I. Kaplan Inc., Ohyphant; Harry Brest, Shamokin; N.S. Troutman & Sons, Freeburg; Myers Meats, Spring Mills; Pezzner Bros., Rebersburg; Tri-County Packing Inc., Claysburg; Henry Meats, Duncannon; Economy Locker, Pennsdale; Shively Meats, Mifflinburg; Oscar Baumert, Herndon; Marshall Bowersox, Winfield.

June is dairy month

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2290 MFD	6,500	4,900
2290	6,000	4,500
2090 MFD	5,500	4,150
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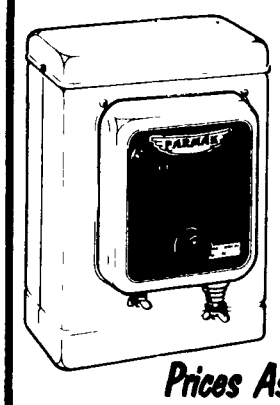

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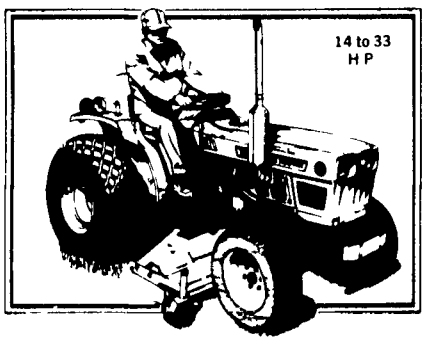

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Super - yield scientists tell their story

CHICAGO, Il. — If you're searching for the secret of 250-bushes-per-acre corn and 80-bushel soybeans, don't gaze over the horizon – look in the mirror. There's the person most likely to achieve those yields ... and probably sooner than you think.

That's the impression you can get after talking to the new breed of "super-yield" scientists. They're developing methods to dramatically increase average yields – and in some cases, they've already done it:

Dr. Roy Flannery, soil specialist at Rutgers University, has been conducting high-yield experiments with corn and soybeans for several years. His average yields the past four years: more than 300 bushels per acre with corn and more than 100 bushels per acre with soybeans.

Dr. Jay Johnson, Extension agronomist at Ohio State University, has averaged more than 210 bushels per acre of corn the past five years.

Basic farm inputs

Flannery and Johnson use different approaches to achieve their results. But in one way their work is alike: Both use the same basic commercial inputs farmers use today – they just apply them in different ways.

"We've been doing some things that are a little far out, as far as today's farmer is concerned," Flannery says. Some examples are:

Plant populations in both corn and soybeans nearly double that which the typical grower is planting today.

Ultra-narrow, 12-inch rows for corn, with plants staggered for equidistant spacing.

Nitrogen rates up to 600 pounds per acre, plus up to 350 pounds per acre of phosphate and potash.

Utilize drip irrigation, commonly used by fruit and vegetable growers, rather than feed grain producers.

Corn hybrids

Another departure from common practice by most growers is Flannery's practice of picking the best performers in the University's annual yield trials. "This makes hybrid selection a bit easier for us than it is for most farmers," Flannery says. "But we're still using strictly commercial corn hybrids and soybean varieties."

Flannery quickly points out that his 8x22-foot test plots make high yields easier for him to achieve. "If he does a good job of managing all his inputs, the farmer still has a great deal of control over what the outcome is going to be," Flannery notes.

That's the critical thing to keep in mind about super-yield scientists' work: managing inputs.

"For a long time, most researchers were interested in very specific aspects of crop yield -- only looking at one or two inputs," Flannery says. "No one seemed very interested in trying to put together a package that included as many of the soil and crop inputs as possible."

Flannery established dozens of test plots to study different combinations of factors which interact to control yields most: hybrid selection, plant population, row width, fertilizer rate and available water. All the factors, with the exception of water, are controlled by the farmer. So from a practical standpoint, Flannery also ran non-irrigated plots.

Flannery's results over the last four years are:

	Corn (Yield, bu./a)	Soybeans (Yield, bu./a)
1980	312	94
1981	285	93
1982	338	109
1983	289	118
Average	306	104

Nitrogen and fertilizer

The top corn yield of 1982 resulted from a full-season hybrid at a final stand of 37,300 plants per acre in a 12-inch row, with 500 pounds of N and 350 pounds each of potash and phosphate. That combination also produced 45 tons of silage.

The best soybean yield – in 1983 -- resulted from a final stand of 261,360 plants per acre in six-inch rows with four-inch spacing between plants. Fertilization: 175 pounds N, 225 pounds P205 and 300 pounds K20, in four separate applications, including three during the growing stage.

Of course, Flannery is pleased with these yields, but he admits most farmers probably are not ready for hand-plant thinning and 12-inch corn heads.

"Some of the things we're doing are going to come into play more and more in the future, as land becomes more scarce and world population continues to increase," Flannery predicts. For the present, however, he has some strong advice for farmers using irrigation:

"Most farmers should use between 30,000 to 35,000 plants per acre, rather than the 20,000 to 24,000 they're now using," he says. "Also, if they're going for high yields, they should use 1.5 to two times as much fertilizer as they now use. If you can count on the water, the extra fertilizer almost always pays off. Extra-high yields can be very profitable," he adds.

Although Flannery has collected reams of data on high-yield research, he is most pleased with his findings about irrigation management. "Water use efficiency has been better across the board, where we're managing the other factors at a higher level," he notes.

Practicality

If Flannery is concerned about the practicality of his research for farmers, then Dr. Jay Johnson at Ohio State University is emphatic about it.

Since 1979, Johnson has conducted high-yield research on corn and soybeans, looking for the best combination of hybrids, fertility and populations, including row spacings.

"We're conducting no research that farmers can't implement immediately," Johnson says. "All high-yield research is done with farm machinery available today."

Even so, Johnson admits farmers may have to hunt for equipment to match the row spacing used to achieve his highest

Dr. Jay Johnson, Ohio State University, has averaged 210 bushels per acre corn the past five years in 20-inch rows.

corn yields: 246 bushels per acre, irrigated on 20-inch rows. Johnson has averaged 210 bushels per acre the last five years; soybeans have averaged nearly 70 bushels per acre.

Irrigation improved corn yields significantly only in 1981 and 1983, he notes.

Key points Johnson has observed in his five-year-research project include:

Although farmer interest in the 20-inch row spacings is keen, Johnson doesn't believe the idea is right for widespread use ... yet. The major hurdle: Not enough corn hybrids have been bred to handle the super-high populations which make narrow row spacing practical.

For example, Johnson's top yield resulted from an upright-leaf hybrid seeded at 40,000 per acre in 20-inch rows, with 400 pounds of nitrogen, 100 pounds phosphorus and 200 pounds of potassium per acre. "I've tested about 40 hybrids in these conditions, and more than 30 of them didn't stand well," Johnson says.

Best steps farmers can implement to boost corn yields: use much higher populations, with heavier fertilizer, in 20- or 30-inch row widths. "Providing you have adequate water, population is the

(Turn to Page D23)

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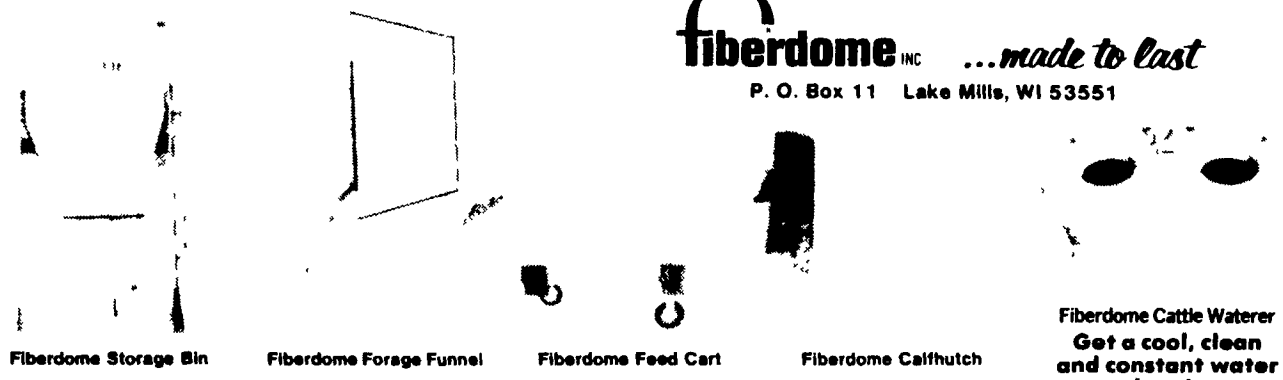

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Super-yield scientists

(Continued from Page D22)

dominant factor affecting yield," Johnson says.

"With the new genetic material available, we can get up to 150 to 170 bushels per acre with seed populations of 24,000 to 26,000," he says. "To go much higher than that, we'll have to drop more seed." However, he cautions, "You'd better have everything put together on a good soil."

Beware of upright-leaf hybrids in rows wider than 30 inches. "I planted a URL hybrid in 40-inch rows one year, just to test its response, and lost 50 bushels of yield, compared with 30-inch rows," Johnson says. "Now I don't plant any row wider than 30 inches, for any hybrid."

Shifting to higher rates of nitrogen requires split applications. Johnson suggests no more than 300 pounds per acre in one shot. "Above that, yields go down," he observes. "And that's for pretty dark soils. On much lighter soils I'd go a little easier than that."

Johnson says his main challenge is utilizing nitrogen more efficiently. For his top corn yield, he applied preplant 200 pounds of anhydrous knifed in deep and 100 pounds as urea, then 100 pounds as 28 percent liquid through his irrigation system.

Farmers shooting for super yields must be ready to respond quickly with aerial control when stalk diseases or pests strike. Commercial seed companies view this as standard practice, and farmers should too, Johnson says. "The cost of treatment is negligible, compared with the value of the grain you'll leave on the ground if there's much downed corn," he observes.

High-yield checklist

Even though their research methods vary considerably, the super-yield scientists agree on several points:

By managing your inputs carefully at a high level, farmers can increase yields dramatically. But no single input will propel a producer into the super-yield category. It takes at least two or three factors, such as row width, population and fertility, working at optimum levels to reach that goal.

If a producer doesn't have a feel for working with high-level inputs, he must walk before he runs. He should experiment with small acreages to collect information on what works and what doesn't work.

Super yields can be very profitable, but not in every case. Producers should move cautiously, keep careful, complete records and remember that going for the super yields is a high-risk, high-reward venture.

Super yields usually are better for land and the surrounding ecosystem, than yields from poorly managed low-producing land. Major reason: The higher the yield, the more crop residue, and the more organic matter is retained in the soil. "Top yields are the best friend good soil ever had," Ohio State's Johnson says.

Ultra-high yields, such as 300-bushel corn and 100-bushel soybeans, are only possible on very good soils. No matter how good management may be, prodcucers can't coax super yields out of clay hillsides.

Dauphin County outlines 1985 gypsy moth spraying program

HARRISBURG — A recent interview with Duayne Forsberg, Resource Specialist with the Dauphin County Conservation District, outlined the procedure landowners should follow in Dauphin County to request "possible" gypsy moth spraying of their properties for 1985.

A complex cooperative spraying program involving three levels of government was explained by Forsberg. The Pennsylvania Department of Environmental Resources, Bureau of Forestry, administers and sets forth the spraying program. The majority of spraying funds are provided by the Commonwealth.

Locally, the Dauphin County Commissioners through the Dauphin County Conservation District, will coordinate the field work with municipal assistance. Municipal and county government also provide funds for spraying.

When Forsberg was asked how a landowner should request spraying for 1985, he stated, "it would depend on where the property was located in the county." According to the Dauphin County policy, landowners south of Peters Mountain should direct their request for spraying to their township or borough office. Forsberg said, "The Dauphin County Conservation District will not record requests received from landowners in the southern half of the county."

However, he did state that the Conservation District will record spraying requests from landowners north of Peters Mountain, including Rush Township. "Municipalities in upper Dauphin County are simply without full time office staff that landowners can call. Our office will provide this service for upper Dauphin citizens." The Dauphin County Conservation District can be called at (717) 652-7048 weekdays between 8:15 and 4:30 P.M.

Requests for spraying should be placed while the gypsy moth caterpillars are actively feeding from May to July. The county has set a deadline of July 9, 1984 for spraying requests to be recorded for the 1985 spraying program.

Forsberg said that July 9 to Oct. 1 he will conduct field investigations of requested areas to determine if they are eligible for spraying. He stressed that, "submitting a request is not a guarantee for spraying." DER and Dauphin County have developed a set of guidelines that must be met before any area is sprayed."

The major "requirements" were highlighted by Forsberg. "Only forested residential or special use areas can be sprayed. Undeveloped and uninhabited forest lands will not be sprayed by DER. An area must be 25 acres or larger in size, contain 250 healthy egg masses per acre, have a crown cover of at least 50 percent and contain tree species that are susceptible to gypsy moth damage."

He also emphasized that, "spraying in 1985 will only occur in municipalities where either the township supervisors or borough council members have agreed to provide municipal funds for spraying." Municipal officials must notify the Conservation District by the beginning of August with their funding decision.

"Once field investigations are completed and if the requested areas qualify, I'll submit the county's proposed treatment areas to DER before October 1st, Forsberg said. We should know by mid-January 1985 which treatment areas DER has accepted or rejected."

Wheat & peaches decline

HARRISBURG — Based on June 1 conditions, Pennsylvania's 1984 production of winter wheat is expected to be three percent below last year's production, according to the Pennsylvania Crop and Livestock Reporting Service. Acreage to be harvested is forecast at 220,000 with a yield of 38 bushels per acre and a total production of 8,360,000 bushels.

Total peach production for Pennsylvania is forecast at 90 million pounds, four percent below the 94 million pounds produced last year.

U.S. winter wheat production is forecast at 1.97 billion bushels, one percent less than 1983's production of 1.99 billion bushels. Total 1984 U.S. peach production is forecast at 2.53 billion pounds, 41 percent more than last season, and 10 percent more than 1982.

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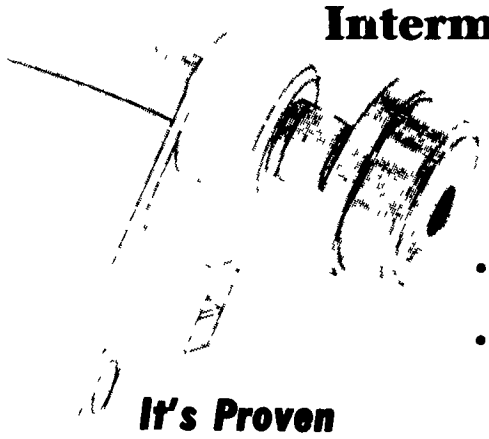
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Atlantic acquires young sires

LANCASTER — Atlantic Breeders Cooperative recently acquired three promising Holstein bulls for the stud's young sire proving program. These new additions will join over 250 other top-pedigreed bulls currently in the program at the Lancaster facilities.

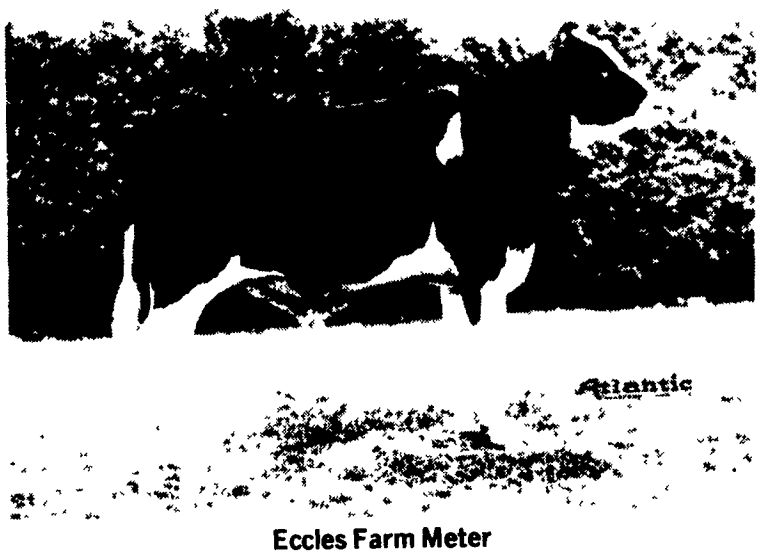
Grace and George Seidel, Womelsdorf, are the breeders of Heindel Lynx-ET, a son of Thonyma Electra. Lynx, coded 15H564, is out of a VG-87 daughter of Limestone Standout Strephon with January 1984 indexes of +634 of milk and +19 of fat.

Frederick England, Williamsburg, sent Penn-England Maxwell-Et to enter the program. Maxwell, sired by Board Chairman, carries the code 15H582 Maxwell. The maternal side of this pedigree shows a Roybrook Starlite daughter with production credits that include, at five years, 25,200 pounds of milk, 4.3 percent butterfat and 1,094 pounds of fat on a 365-day record.

The third bull entering the sampling program this month is from the farm of Harry Thomas Eccles, Randolph, N.Y. Eccles Farm Meter, coded 15H560, is also a son of Board Chairman. The bottom side of his pedigree lists an Ivanhoe Star with lactation credits to 26,480 pounds of milk and 919 pounds of fat in 365 days.

Harry Roth, operations director, points out these bulls will be randomly-mated to approximately 600 cows on officail test. Upon entering the milking strings in these herds, their daughters will be evaluated for milk production and overall body conformation. The satisfactory results of these evaluations will bring the bulls into the active sire line-up at the stud.

Heindel Lynx-ET



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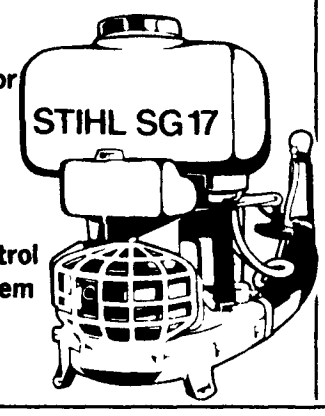

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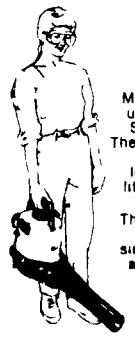

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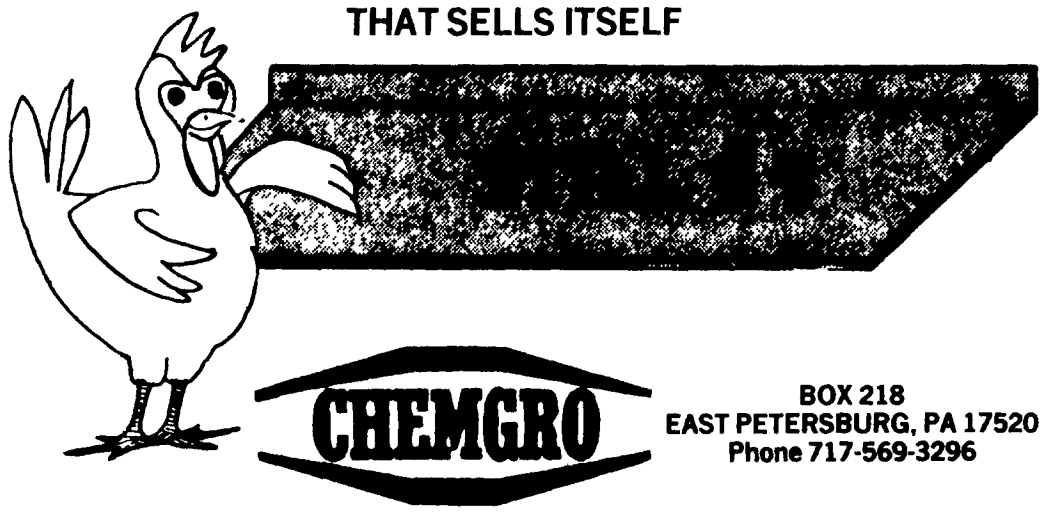

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May Report

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Charles&Tim Kissling	3	67 4	85 8	21,229	823
Rothrock Golden Hol	3	56 7	91 0	22,378	821
Plushanski Farms Inc	3	122 3	88 6	20,655	798
Leonard G Stoltzfus	3	72 2	88 3	20,706	771
Forrest C Strickes	B3	55 8	86 5	20,111	756
Stephen J Janos	3	31 3	88 7	20,759	752
Mertz Brothers	B3	45 2	85 6	20,923	746
Junge Farms	3	64 5	87 3	19,182	745
Reu Hel Farms Inc	3	60 5	88 6	20,372	740
Robert E Kopfer	B3	49 0	89 5	19,144	730
Heindel Farms Inc	3	29 4	86 2	18,596	727
Mark A Wolfskill	3	95 2	84 6	19,202	722
Good Bros	B3	57 5	87 5	20,270	721
David L Schrack	B3	102 3	88 3	18,313	718
Donald B Duncan	B3	98 6	89 3	17,464	704
Leroy E Howard	3	138 8	88 4	18,362	686
Richard A Bleiler	B3	51 6	88 2	19,633	684
George S Troutman Jr	B3	68 5	89 7	18,182	684
Arlan Krick	B3	68 3	88 5	17,299	682
Ralph & Ken Sanner	B3	76 8	87 1	18,696	679
Daview Farm	3	58 9	87 1	18 231	676
Clarence B Kulp	3	68 4	87 0	17 570	671
Vista Grande Farm	3	83 5	84 7	17 614	669
Merlin J Grube	B3	46 5	87 6	17 161	666
George Schuler	3	55 4	87 8	17,874	654
Linden Loch Holstein	3	59 7	88 1	17,652	653
Ridge Crest Farms	B3	51 8	85 9	16,757	653
William G Howerter	3	88 0	88 1	16,950	652
Mervin Brubaker	B3	69 6	86 5	17,750	652
George E Moyer	3	102 8	84 9	16,478	651
Red Fever Farm	B3	64 5	90 3	17,757	651
Show Top Farms	3	158 0	89 5	16,602	650
Paul B Martin	B3	60 1	83 3	18,848	647
Mat Mar Farms Inc	3	88 1	85 9	17,870	643
Pinnacle View Dairy	B3	45 8	86 1	17,210	642
John H Stump	3	54 2	87 4	18,089	641
Harvy M Weaver	G3	49 3	86 1	16,791	641
Udder Valley Farm	B3	72 2	87 4	17,605	641
Ronald Kelchner	B3	63 6	85 7	18,359	640
Roger S Buch	3	48 0	84 4	17,935	638
Ernest O Miller	B3	198 7	85 4	17,352	638
Zahncroft Farm	3	50 0	85 1	16,562	637
R R Troutman & Sons	3	119 4	84 2	16,622	637
R Pernell Burkholder	B3	42 2	86 1	17,986	636
Ontelynn Acres	3	112 2	88 9	16,560	635
Harold Fenstermaker	3	34 3	89 1	16,044	635
Whirlwind Acres	B3	92 0	89 4	17,226	634
Ronald L Richard	3	56 6	83 3	17,813	634
Marlin J Stutzman	B3	57 1	89 5	17,632	633
Martin & Missy Moyer	B3	52 6	83 2	16,475	632
Frank G Gromlich	3	65 7	87 8	16,156	631
Robert C Dreisbach	4	75 2	85 0	12,996	629
Andrew D Stoltzfus	3	130 6	86 4	17,200	627
Yost Brothers	B3	112 3	84 6	17,336	623
Ray E Bicksler	3	45 7	86 0	16,372	622
Ranshar Farms	B3	57 2	85 0	16,896	618
Meadow Spring Farm	B3	40 8	82 2	16,879	617
Lawrence Kieffer	B3	74 5	86 1	16 722	617
Scattered Acres Inc	B3	156 0	83 6	16,805	615
David J Williams	B3	37 9	84 4	17,276	614
Glenn B Gockley	B3	45 0	85 0	16,634	614
Hylark Farm	3	75 5	86 8	16,189	614
William C Adams	3	90 7	89 4	15,367	613
Retland Farm	3	52 2	88 0	17 620	612
Robert L Sattazahn	B3	102 5	88 6	16,859	609
Teen Chal Farm	B3	115 1	88 3	16,035	609
Donald Burkholder	G3	96 7	87 2	16,593	609
Raymond A Seidel	3	36 3	86 6	16,866	608
Barry L Burkholder	B3	48 2	81 5	17,175	605
Swatara Dairy Farm	3	76 8	81 6	14,630	605
Fred J Walters	B3	68 2	86 0	16,495	604
Donald M Meyers	3	62 0	88 6	15,766	604
B & K Grimes	B3	129 0	88 2	15 268	603
Daniel J Harnish	B3	92 1	85 0	15,527	603
Ken & Debra Dietrich	B3	41 2	83 4	16,308	603
Arthur D Schlappich	B3	58 2	85 6	16,157	601
John Newswanger	B3	48 2	85 1	17,375	601
Floyd Kurtz	3	51 3	85 6	16 665	600
Clarence C Sattazahn	B3	103 4	88 5	16,953	599
Glenn R Harnish	B3	101 4	87 9	16,743	598
Kenneth Zook	B3	52 9	90 1	16 713	598
E Daniel Leatherman	B3	67 8	86 0	15,676	597
Daivd Y Knauer	B3	51 2	85 6	16,369	596
Nathan Nolt	B3	53 7	81 6	15 704	596
Phillip J Werley	B3	60 8	84 4	15 635	593
Pine Brook Farm	3	98 4	83 2	15,989	593
Dana Stoudt	B3	14 0	78 3	16,564	593
Lewis Nolt	B8	58 5	87 4	15,984	593
Heindel Farms Inc	1	24 3	85 3	14,366	592
Ernest C Hoffman	3	55 6	89 0	15,833	592
Tulpa Canal Farm	B8	38 1	85 9	16,359	592
Raymond B Nolt	B3	80 7	85 8	16,366	591
Herb Top Farms	B3	30 5	81 3	15,660	589
Joe & Deb Kohler	G3	33 0	87 4	17,262	589
Terry Kunkel	B3	38 2	84 3	16,314	587
Tim Kleinsmith	B3	37 2	88 0	15,979	586
Alton Rohrbach	B3	51 0	87 0	16,212	582
F M Browns Sons Inc	B3	93 0	89 5	16,923	582
Don Aloan	B3	43 4	83 0	15,592	581
Grumbro Holsteins	3	37 0	87 0	15,547	580
Wa Har Farms	B3	109 4	87 1	15,318	580
Glenn E Hoffman	B3	50 0	85 1	15,469	576
Richard W Hoppes	B3	66 6	88 9	15,427	576
Clyde Loump	B3	56 6	86 2	15,561	576
RC & CE Wieder	B3	45 6	84 3	15,944	575
Ray W Seidel	B3	34 7	84 2	15,201	575
Lynn E Stoudt	B3	74 5	83 0	16,910	*574
Larry E Phillips	B3	21 1	89 9	15,433	574
Vernon G Good	B3	39 3	88 4	16,049	572
Gary Heffner	B3	42 4	79 2	15,297	571
Harold Schuler	3	35 8	86 3	15,456	570
Lynnacres	3	163 1	88 0	15,934	569
David Gross	B3	33 0	88 3	14 672	567
Tom Werley	B3	54 6	87 0	15,255	567
Win Dale-Farm	4	49 6	87 6	11 189	565
Charles W Lamm	B3	101 0	85 7	15 398	562
Alfred E Schmidt	3	57 1	88 7	15 303	561
Lester Martin	B3	46 1	83 5	15,047	561
Harvey C Krill Jr	B3	43 3	90 0	14,697	560
Ker Min Farms	3	78 2	87 1	15,609	560
Carl E Hollenbach	2	61 7	85 0	12 604	559
Wilmer Dreibelbis Jr	B3	54 9	83 7	15 795	558
Wilson M Balthaser	B3	72 9	83 8	14,911	558
Irvin G Weaver	B3	50 2	89 2	15,157	558
Charles D Moyer	B3	119 4	84 9	14,707	556
Wilmer Dreibelbis Jr	3	59 0	83 5	15,374	555
Rodger L Wagner	B3	126 9	88 9	14,657	554
Gambling B Farm	B3	36 9	87 5	15,268	552
Lester Burkholder	B3	91 4	86 8	14,641	552

Denotes 3 times milking

McKEAN COUNTY DHIA
April Report

(Herds with 1.7 lbs of milk fat or more)

John H Lapp	4 19	59	60 4	3 9	2 3
Sy Tanner	4-13	32	57 5	4 0	2 3
Charles Irons	4 26	80	50 7	4 3	2 1
Orton Kinney	5-2	27	54 5	3 9	2 1
Thomas Spees	3-6	36	53 0	3 9	2 0
Donald Michelitsch	4 28	45	53 7	3 8	2 0
Mantz Farms	4 5	40	48 6	3 8	1 8
Matthew Windsor	4-7	31	46 2	3 8	1 7
G L Carlson Inc	4-12	41	44 6	3 9	1 7
Paul Althouse	4 20	24	45 5	3 8	1 7

(Over 650 Lbs. Milk Fat)

John H Lapp	57	18,558	685
Sy Tanner	30	17,624	683
Charles Irons	83	16,020	663
Orton Kinney	27	17,536	650

700 Bobcat

741-Air Cooled Diesel
742-Liquid Cooled Gas
743-Liquid Cooled Diesel

Heavy Duty, 1300 lb. Operating Capacity

COMPARE THE FEATURES:

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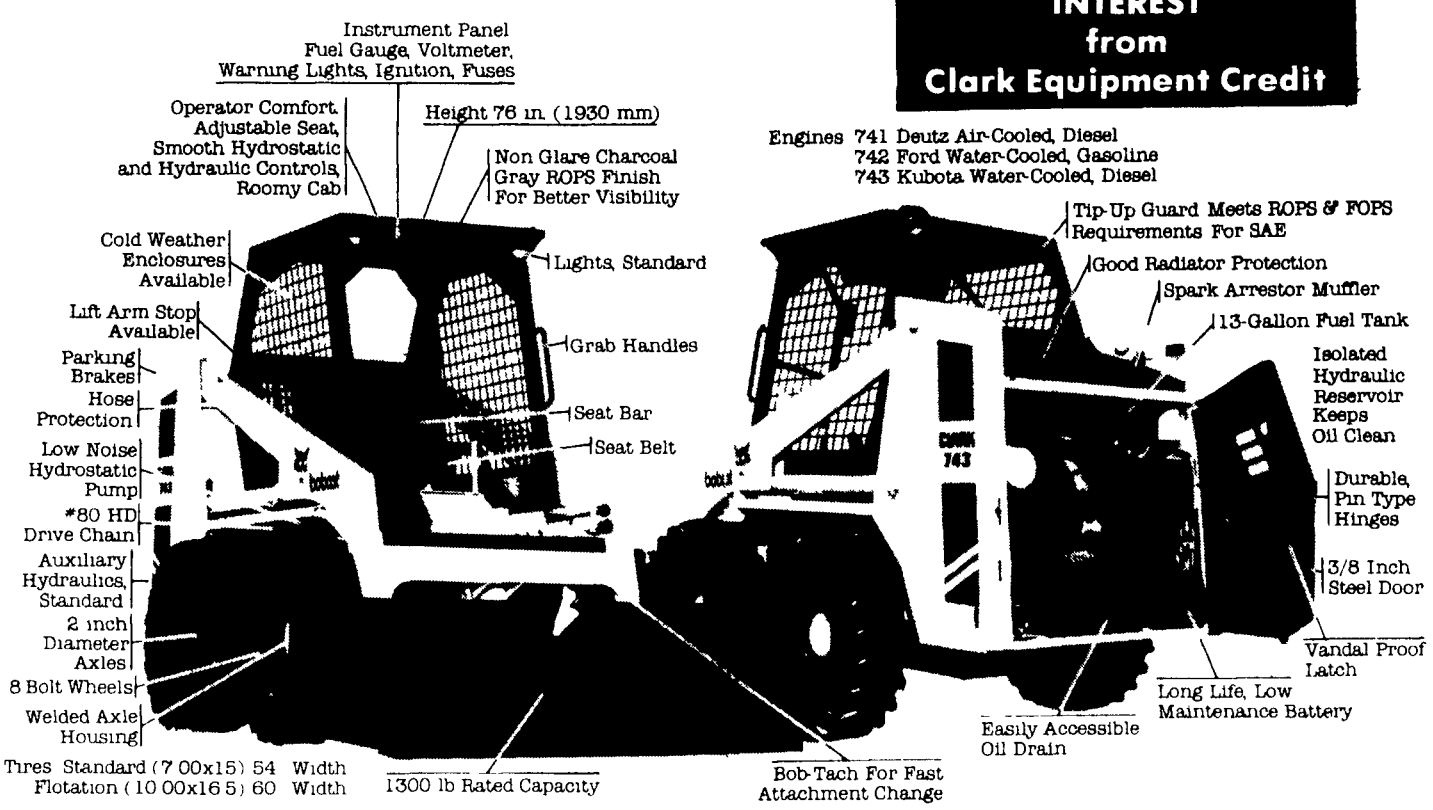
1300 lb capacity with dump reach up to 36" When you work a Bobcat, you'll feel the power at the wheels for manuverability and stability throughout full load cycles

DURABILITY
Compare operating weight to load capacity, compare drive chain size, axle thickness, steel, welding, protection for hoses, engines, radiators and the superior Bob-Tach system for attachments Inside and out Bobcats feature fine tuned engineering

SERVICABILITY
Tip up rollover protection structure for easier accessability to hydrostatic components & steering linkage 3/8" steel rear door on pin hinges makes routine maintenance a snap bigger batteries and starters dual element air cleaners

SAFETY
Seat bar for additional operator safety convenience and comfort Rugged rollover protective structure construction pedal locks dual headlights rear road and work lights spark arrestor muffler

11.25% INTEREST from Clark Equipment Credit



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Lebanon County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

May Report

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS MILK	LBS FAT
Willow Maple Farm	3	43 7	91 2	21 672	780
Raymon&Marlin Getz	3	59 2	85 2	18,826	725
Robert Martin	B3	51 0	87 0	19 070	722
Roy E Nolt	B3	55 1	86 8	19 624	720
Fort Zeller Farm	B3	49 8	86 4	19 081	713
Hoover Farms	3	83 9	85 1	18 421	713
Marvin K Meyer&Sons	B3	99 9	91 2	18 374	708
M Luther Rennetch	G3	72 3	88 9	17 725	706
Dale Hostetter&Sons	3	89 8	84 9	18 143	705
Roy H Weaver	3	56 1	88 3	19 502	700
Kirby L Horst	3	45 0	88 7	18 490	698
Conewago View Farms	B3	69 7	87 2	18 022	698
Donald G Hoffer	B3	43 4	86 7	18 476	695
Gary Lentz	3	70 3	85 3	19,057	694
Mark H Bomberger&Son	B3	84 2	89 3	18 438	693
Eugene R Houser	3	31 3	88 5	17 902	691
Walter K Heisey	B3	56 1	88 5	19 025	687
Elvin Martin	B3	51 9	84 7	19 234	687
Kenneth Mase	B3	94 9	86 6	17 793	686
Gary Mase	B3	30 6	82 7	18 822	684
Arnold Acres	3	118 0	87 5	18 317	683
David Brandt	3	71 6	88 2	18,774	682
Mervin W Horst	B3	40 4	88 1	18 238	681
Dennis Wampler	B3	86 3	88 5	18 601	676
Marlin D Heisey	B3	42 6	86 5	18 523	670
Lentzdale Farms	3	77 4	87 7	18 040	669
Marlin M High	G3	41 9	84 8	18 684	665
Melvin M Nolt	B3	53 4	86 4	17 663	664
Harvey T Bomgardner	3	94 3	85 4	17,688	664
Robert B Smith	2	66 4	87 0	13 284	659
Reuben O Martin	B3	67 8	85 3	18 134	659
Arthur R Krall&Son	3	64 6	86 2	17 979	658
John Brubaker	B3	48 3	89 4	17 860	657
Clarence B Martin	G3	31 4	86 2	17 862	654
Wernerway Farms	B3	125 2	85 3	17 517	651
Daniel R Shirk	3	37 2	88 5	17 893	651
Richard&Donald Shirk	3	78 3	88 8	16 702	650
Irvin Zimmerman	B3	47 6	86 2	18 142	650
Glen R Martin	B3	23 9	84 8	18 673	650
San Bo Holsteins	3	78 1	83 9	17,104	646
Richard L Heilinger	B5	20 0	83 6	14 965	645
Isaac E Zimmerman	3	22 4	88 5	16 372	644
Hershey Bare	3	87 4	87 1	16 751	644
Ernest B Detweiler	B3	55 6	83 4	18 586	639
Phares Z Musser	3	87 5	85 9	16 062	638
David Eugene Reiff	3	48 2	85 7	17 896	638
Philhaven Farm	3	101 4	89 6	17 397	638
Ferndale Farms	3	83 4	83 7	16 821	636
Lester Martin	B3	56 1	91 4	16,586	635
Lloyd Burkholder Jr	B3	54 0	83 6	18 107	634
Leon H Kline	3	59 1	87 4	17 729	634
Eugene Martin	B3	88 7	85 8	16 784	632
Earl Smith	3	43 1	87 5	16 517	631
Hoover Farms No 2	B3	52 0	84 5	17,132	631
Lloyd S Newswanger	B3	71 2	82 9	17 706	629
Vincent A Wagner	3	46 9	86 0	17 532	628
Enos N Leinbach	3	31 3	90 9	16 404	627
Mark C Patches	B3	95 4	86 7	15 736	624
Richard L Heilinger	B3	21 3	84 8	16 803	617
Clyde E Deck	B3	71 1	85 7	16 366	616
Ramona Holsteins	3	71 2	83 7	16 332	615
Leon M Burkholder	B3	44 6	89 2	16,326	614
Norman Kline	3	75 9	86 3	16 166	614
Bucher Brothers	B3	40 8	82 2	17 792	614
Richard Batz	3	29 4	88 5	17 446	613
Raymond K Martin	B3	50 7	84 4	17 432	612
Twin Maple Farm	B3	38 9	86 3	16 108	610
Jay&Carol Hershey	3	33 1	83 4	17 030	610
Wilmer S Reiff	B3	62 1	87 2	17 307	609
Kenneth I Sellers	3	60 1	86 5	15 948	609
Sonnen Acres Farm#1	B3	101 7	83 6	16 686	606
David E Zimmerman	G3	49 6	86 8	19 163	605
Sonnen Acres	B3	126 9	83 0	16 441	605
Ernest Wagner	3	39 2	89 1	16 995	603
Gideon A Fisher Jr	G3	29 6	86 5	17 646	603
Walter M Martin	B3	49 3	83 4	16 798	602
Gerald W Martin	B3	49 3	88 0	17 226	601
David Weaver	B3	41 7	87 7	17 211	600

June is dairy month

Franklin County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

April Report
Rolling Herd Averages Above 650 Lbs Butterfat

NAME	BRD	NO COWS	LBS MILK	LBS FAT
Oakleigh Farm	3	105	19,272	755
Clinton Stahl	B3	53	20 887	754
RV&SV Hollenshead	B3	32	21,126	749
John A Witmer	B3	37	19 689	725
Marv Adams&Sons	3	42	19 567	721
Ray Wingert	3	51	18 029	720
Wayne A Hall	3	38	19 069	719
Harold Goshorn	G3	73	18 493	718
Richard Harshman&Son	3	73	19 256	716
Kenneth E Oliver	3	30	17,803	715
RV&SV Hollenshead #2	B3	63	19 932	710
Alvin Meyers	3	54	18 084	709
Burk Lea Farms	3	126	19 855	708
Rebeken Farm	B3	93	18 910	708
Dennis W Bricker	B3	34	19 441	704
Carl O Stuff	B3	47	20 077	697
Preston M Frey	B3	35	18 522	696
Wayne L Beidel	3	52	18 105	695
Harold L Wenger	3	31	18 167	692
William E Swailes	B3	92	18 556	692
J Eldeon Crider	3	52	18 322	691
Keeners Dairy	B3	115	17 490	690
Lawrence Lehman	G3	64	17 587	689
Aldus Eby	B3	56	20 199	688
Kenneth L Caufman	B3	37	17 345	687
JC Young Jr&Son	3	59	18,243	683
H Lester Oyler Est	3	75	18 042	681
Edwin R Eby	B3	58	17 755	677
Mark W Meyers	3	85	17 995	672
George Skelly	3	72	17 879	671
Gaymere Farms	3	175	17 471	670
RC&JR Shoemaker	3	43	17 321	670
Virgil H Crider	B3	82	17 600	658
Glenn L Kuhns	B3	43	17 289	657
Fred E&Dale Rice	3	165	17 854	657

(Turn to Page D27)

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Phone No

Franklin Co. DHIA

(Continued from Page D26)

Culbertson Green Farm	B3	103	18 525	657
Norlo Farm		3	135	18 339	656
Twin Maple Farms	B3	42	16 839	652

Denotes 3 times a day milking

OWNER NAME OR NO		AGE AT CALVING	DAYS IN MILK	LBS MILK		LBS FAT
Burk Lea Farms						
83	RH	5 4	300	24 049	4 3	1030
Fred E&Dale Rice						
376	RH	4 8	305	24 639	4 1	1012
Clinton Stahl	RH	4 7	305	24 417	4 0	977
Ray Wingert	RH	5 2	305	22 179	4 2	940
Robert E Harwood						
94	RH	4 10	305	22 838	3 9	900
Keeners Dairy						
111	RH	5 1	305	21 775	4 1	890
Oakleigh Farm						
Nannie	RH	8 6	305	22 477	3 9	883
Burk Lea Farms						
4	RH	2 11	305	21 414	4 1	883
Ray Wingert						
44	RH	4 3	305	21 055	4 2	881
Oakleigh Farm						
Trista	RH	4 2	305	20 090	4 4	880
Kenneth L Caufman						
Betty	GH	3 1	305	17 202	5 1	874
Myr Lea Farms						
Bertha	RH	4 10	305	24 276	3 6	871
Mountain Green Farm						
27	GH	5 7	305	20,542	4 2	865
Mountain Green Farm						
64	RH	3 6	305	22,298	3 9	864
Harold L Wenger						
Ronda	RH	5 9	305	21,872	3 9	860
Robert L Bailor						
Lady 34	GH	0 0	305	25 818	3 3	856
HC Gabler						
2015	RH	4 8	305	23 586	3 6	856
R Cordell J McKenzie						
135	GH	6 1	305	24 369	3 5	856
Roy Kendig						
Bib 143	RH	5 5	305	18 787	4 5	852

CARROLL-BALTIMORE, MD DHIA
April Report

Francis H Barnes Tops April DHIA

Francis H Barnes New Windsor had the herd with the highest average for the month of April according to figures just released by the Carroll Baltimore Dairy Herd Improvement Association

DHIA is a milk testing and record system used by the modern dairymen to help him to manage his business more efficiently These records are also used in proving sires for artificial breeding and are used in research conducted by the USDA and the University of Maryland

During the month of May 112 dairymen in Carroll Baltimore Counties participated in this program Listed below are the top ten herds based on their herd averages over the past year

Francis H Barnes		
57	19 033	752
Harry W Roach III		
54	18 981	741
Marlin Hoff		
395	19 695	729
Del Myr Farm		
103	18,679	710
Maple Lawn Farm, Inc		
158	18 408	708
Unicorn Associates Inc		
93	17,377	697
John H Jr &I G Hull		
15	17 550	690
F Lindsay Wilson		
65	18 818	676
Panora Acres Inc		
116	17,990	668
Flint Hill Farm		
54	17,683	664

USDA announces sale of corn

WASHINGTON, D.C. — The U.S. Department of Agriculture's Commodity Credit Corporation has sold the two million bushels of lower-grade corn offered for sale on May 21, Under Secretary of Agriculture Daniel G. Amstutz said recently.

Amstutz said the corn was sold at prices ranging from $3.71 to $3.86 per bushel.

All of the corn sold is graded U.S. No. 3 yellow or lower and is stored in West Texas, Amstutz said.

He said 1.6 million bushels of the corn, which must be exported, will be shipped from West Coast ports. The remaining 400,000 bushels will be shipped from Gulf ports, he said.

"CCC will issue invitations soon for additional sales of its lower-grade corn for export," Amstutz said.

He said the sale of this lower-grade corn will not reduce CCC's stocks below the level required to meet the needs of USDA's emergency feed assistance program for livestock.

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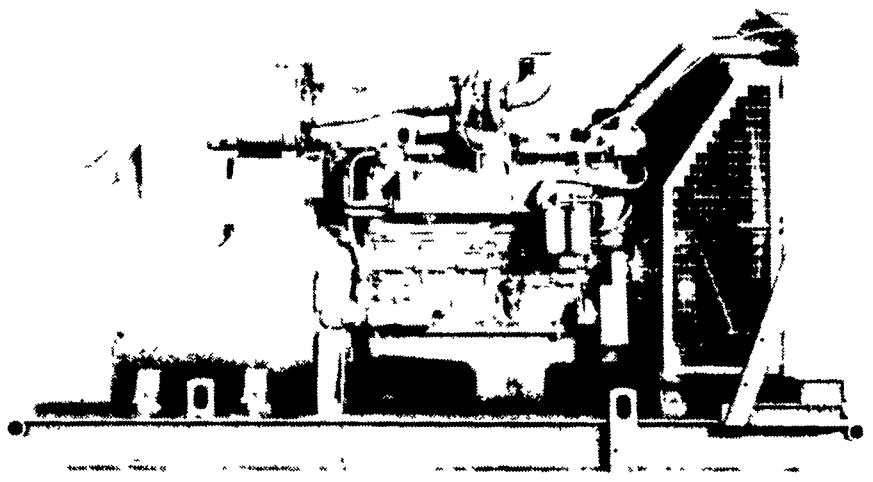

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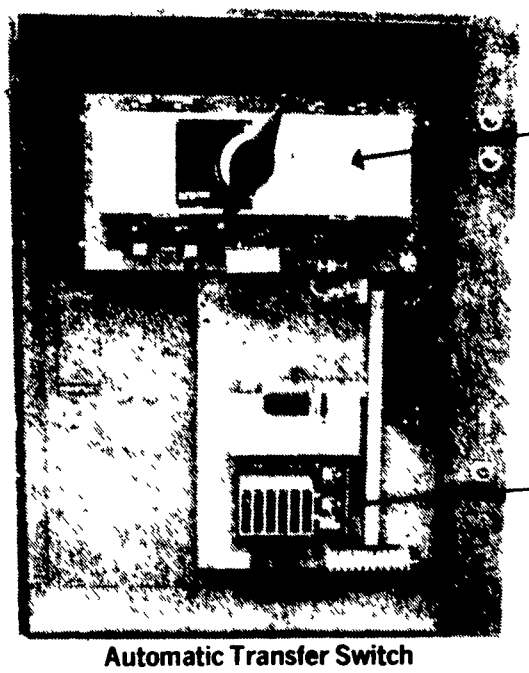

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

I don't know why the dairy industry picked June to be "Dairy Month". It is probably the busiest month of the year. Perhaps that is why so few dairymen pay any attention to dairy promotion. Each one is so busy with his or her own operation.

Promotion: The "Mystery Tipper" program has been getting a lot of attention in various farm papers and magazines. It was started in Mifflin County and has spread statewide. So far it has been a primarily rural event. Who will take it into the city? There are other promotion programs being presented - some are quite catchy. One big question remains in my mind. Will the August committee appointed to use the promotion deduction put any of it into research and surveys? Yes surveys of why don't various groups of people drink milk or use dairy products? And yes research on new uses of dairy products.

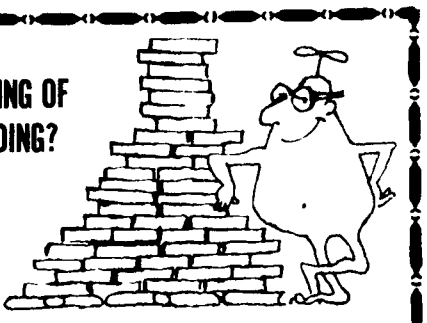
At Home: This is supposed to be a management advice column, but sometimes I go off the deep end and expound on philosophical ideas. For years I have been advocating using sour colostrum for calves. It is economical, practical, a good food and sensible. When you run out of colostrum use whole milk. One word of caution: if you are feeding sour colostrum or sour milk don't switch to sweet colostrum or sweet milk. It will give the calves scours. Using milk will serve two purposes. It will produce healthy calves and will use your product.

An item I read the other day was a bit upsetting but true. Dairymen and their families have reduced their own consumption of dairy products. Some dairy families don't serve milk at home. Why? Perhaps dairy farmers should be one of the survey groups mentioned previously.

Eating Out: Due to the nature of my job, I eat out a lot. I'm one a low cholesterol diet (it has reduced my blood cholesterol by nearly 20%). As a result I usually drink skim milk (about 2 quarts per day when I'm home). Most restaurants do not carry skim or even low fat milk. Where they do, it usually tastes pretty poor. I found that one drop of vanilla extract per gallon of skim milk gives it a smoothness of flavor that makes in enjoyable. How many milk sales are lost because of (1) lack of product or (2) poor flavor?

Why don't dairy farmers promote good flavored skim milk? A good advertisement might read: "Whole milk - cold and fresh - for those who want the full bodied taste and good flavored cold skim milk for those who desire less calories or less fat in their milk".

THINKING OF BUILDING?



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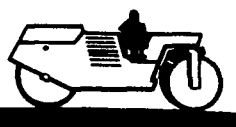

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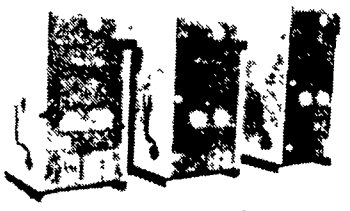

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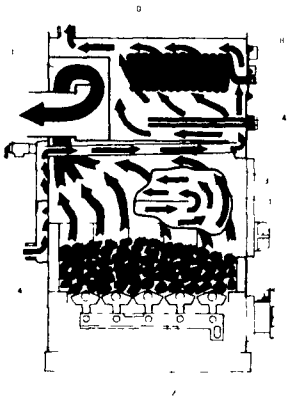

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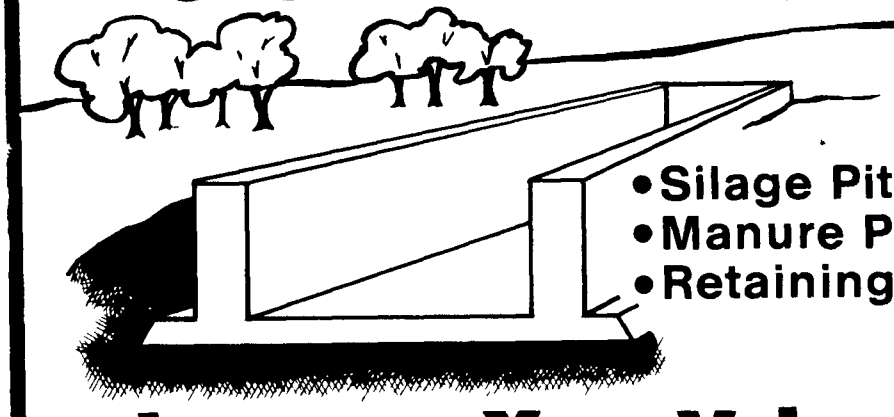

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Bradford County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

April Report

This reports all DHIA cows that have produced 750 lbs of butterfat or more in 305 days, PLUS 2 year old records of 600 lbs or more

OWNER NAME OR NO.	BRD	AGE AT CALVING	DAYS IN MILK	LBS. MILK	LBS. FAT
Mapoval Farms Inc					
Rib	3	6	305	22,936	767
Smboots	3	5	305	19,382	772
Todora	3	4	305	20,866	870
Urboots	3	4	305	21,945	856
Bruce-Leslie Bresee					
Vashti	3	5	305	19,496	832
Russell L Jones					
Lucinda	3	7	298	19,578	750
Thomas McCarty					
115	3	7	305	23,128	785
John Culver					
Sylvan	3	4	305	17,945	751
Lynn & Bonnie Miller					
Patien	3	3	305	26,418	839
Shumhurst Farm					
Pallid	3	6	305	20,818	800
Jeff & Karen Hale					
Candy	3	7	305	22,146	846
Stan & Steve Saxton					
Christy	3	6	305	22,008	801
Adaline	3	4	280	20,371	775
Jo	3	5	325	21,958	932
Tip	3	6	305	24 660	811
Ben & Dean Jackson					
Hesper	3	4	305	23,351	837
Robt & Anna Marie Cole					
Frosty	3	4	305	16,877	756
Donald E Harkness					
Dream	3	3	291	19,891	794
Milford Kinsman & Son					
Daphne	3	5	305	20,813	830
Robert L Storch					
Wonder	3	4	305	16,322	780
Elmer Comstock					
Hedy	3	4	286	16,784	859
Richard H Packard					
Bea	3	6	305	23,031	887
Rod Watson					
Aggie	4	8	305	13,761	755
Fivebrooks Farm					
Petite	3	4	302	18,468	791
Robert H Whipple					
Debby	3	4	305	19 132	773
East Knoll Farm					
Look	3	8	282	21,683	793
Alma	3	5	305	21,709	878
Richard B Reagan					
Eleva	3	6	305	18 876	896
Robert & Gary Burke					
Polly	3	5	305	18 392	796
Sheldon L Millard					
41	3	5	305	20 296	784
Cragle Knolls					
Astroid	3	4	305	19,825	773
Windham Valley Farm					
Nell	3	5	305	23,108	911
Merle Watson					
Peach	3	5	305	18 941	773
Kenneth L Prince					
2366	3	4	305	16,810	784
2365	3	4	305	20,156	787
Bob & Tom Murray					
31	3	5	305	20,117	909
87	3	4	305	21,997	879
Roy & Tim Beardslee					
86	3	5	305	21,454	819
Vernalder Farm					
Super	3	5	305	21,821	905
Arthur D Wolf					
25	3	5	305	16,138	762
2	3	4	305	21,960	786
James A Van Blarcom					
Long	3	6	305	17,172	767
Randy & Gail Watson					
Matilda	3	9	305	16,879	763
Jill	3	4	305	20,196	766
Mrs Mark Schucker Jr					
Maryann	3	6	305	20,108	845
Snowcrest Farm					
Angel	3	4	305	25,071	819
Esther	3	3	289	22,432	856
Leslie Freeman					
65 6861	3	6	305	25,275	818
David & Joyce Egge					
15A	3	5	305	19,378	751
Calkins Farm					
R Effie	3	8	305	19,222	821
J Flora	3	5	305	20,289	837
J Hazel	3	5	305	22,671	785
Nottie	3	4	305	20,532	776
Abramham S Derstine					
Lou Ann	3	6	305	25,924	837
Cindy	3	6	305	16,940	785
Monica	3	4	304	19 948	787
David Page					
Betty	3	5	305	20,020	775
Vaughn & Kathy Harkness					
30	3	5	305	23,142	785
28	3	4	305	19,764	758
Roy Hutchinson & Sons					
Marge	3	4	305	24,336	775
Hopps Hill Farm					
Arta	3	4	295	26,399	893
Latini Brothers R&W					
181KIMB	9	4	296	15,711	812
Matt Will B&W					
Sharon	3	9	305	23,096	824
Matt Will R&W					
Peggy	9	8	305	23,173	843
Opal	9	7	301	23 076	839
Pet Roypa Farm					
Dawn	3	4	305	21,211	760
Madigan Farms					
47	3	5	305	20,667	751
100	3	4	305	21,734	754
Dave L Wright					
Bliss	3	4	305	21,341	832

CLINTON COUNTY DHIA
April Report

LOCK HAVEN — Tom & Grace Nicholas led the Clinton County Dairy Herd Improvement Association for April 1984

The top herd in the Clinton County DHIA for April is owned by Tom & Grace Nicholas, while the cow completing the highest lactation was owned by Paul Dotterer

The top herd of Registered Holsteins completed the month with a Rolling Herd Average of 18000 pounds of milk per cow yielding 704 pounds of butterfat

Other top herds were

— Paul Courter, 18455 pounds of milk, 704 pounds of butterfat

— Terry & Deb Dickey, 18052 pounds of milk, 676 pounds of butterfat

— Anthony & Caroline Graine, 18930 pounds of milk, 663 pounds of butterfat

The Cow Completing The Highest Lactation of 305 Days

— #87, a 3½-year-old Holstein owned by Paul Dotterer #87 produced 22271 pounds of milk testing at 4 5 percent, yielding 1002 pounds of butterfat in 305 days

— Jenny, owned by Paul L Courter, 19200 pounds of milk, 4 6 percent, 892 pounds of butterfat

— Dixie, owned by Paul L Courter, 19492 pounds of milk, 4 3 percent, 836 pounds of butterfat

— Rosetta, owned by Paul L Courter, 22055 pounds of milk, 3 7 percent, 817 pounds of butterfat

— #51, owned by Walk-Way Farms, 26781 pounds of milk, 3 0 percent, 807 pounds of butterfat

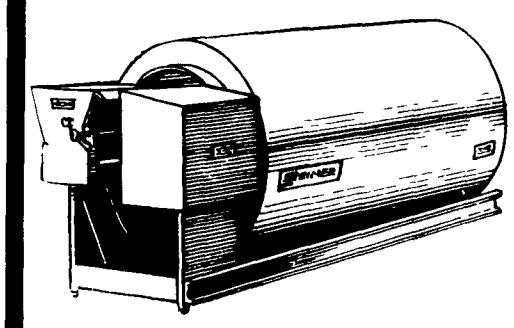
— Mae, owned by Samuel S King, 19246 pounds of milk, 4 1 percent, 798 pounds of butterfat

— Beth, owned by Ward and Keith Carson, 28464 pounds of milk, 2 8 percent, 796 pounds of butterfat

— #117, owned by Paul Dotterer, 22032 pounds of milk, 3 4 percent, 758 pounds of butterfat

— Daisy, owned by Paul L Courter, 17320 pounds of milk, 4 3 percent, 750 pounds of butterfat

STATIONARY MIXER



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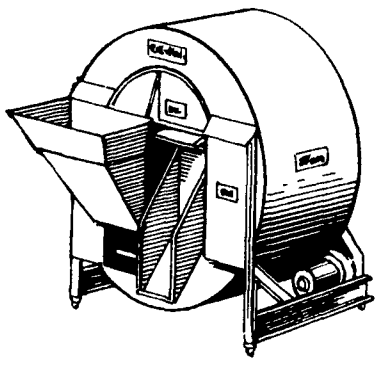

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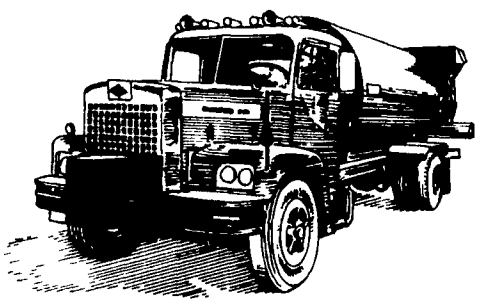

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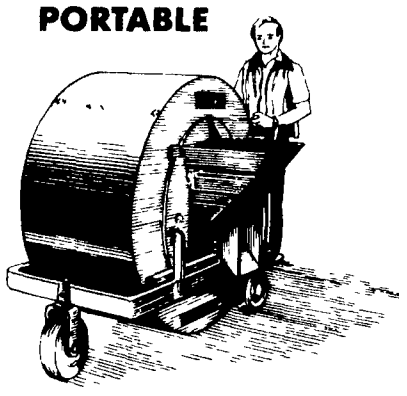

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More crop data available

DE KALB, Il. — The 1984 Field Analysis Comparison Trials (FACT) conducted in more than 1,260 locations will offer more informaton on DeKalb-Pfizer Genetics hybrids and varieties. More planting information will be added to the existing harvest reports edited by DeKalb-Pfizer regional agronomists.

"We have redesigned some of the FACT information forms and developed a new planting report to supplement the harvest data. This will give farmers more data on the management of hybrids and varieties tested in FACT plots," says Dick Bohling, director of agronomic field services for DeKalb-Pfizer and administrator of the program.

New planting data

The planting variables to be monitored in the FACT plots include: the type of planter, previous crop, tillage type, soil type, pesticide application, speed and depth of planting, current soil fertility status, planting date, row width and the amount of nutrients applied.

"We also will collect some information on manure application," Bohling says. The cooperator handling the FACT plot will estimate the gallons or tons of manure applied per acre.

With the increased data collected, producers will have more information to use as guidelines in making their management decisions. "We plan to develop general recommendations such as planting date and specific recommendations, including planting rate, for each experimental evaluated in the plots," Bohling explains.

Harvest report data

All of the new planting report information will be added to the existing harvest report. The harvest report includes data on insect problems that occurred during the growing season, the number of cultivations, irrigation and additional nutrient applications.

The entire program will be coded onto a computer in the main office in DeKalb, Illinois. Each DeKalb-Pfizer regional agronomist has a portable computer terminal through which he can access management information on any FACT plot.

For example, a dealer could request a comparison of the important data on several experimentals vs. leading commercials in the area. "The dealer would contact the regional agronomist, who could run a printout of that information," Bohling says.

It is up to each cooperator in the FACT program to determine the type of practices used when growing the crop. "We give no specific recommendations on how the plot should be planted," Bohling says. "Generally, cooperators use the most common practices that are best suited for their area."

More FACT locations

In 1984, corn will be evaluated in approximatley 800 FACT locations throughout the United States; soybeans at 275 plots, sorghum will be tested at 150 sites and sunflowers at 35. Each FACT plot contains approximately eight commercial hybrids or varieties and between three and seven experimentals.

Bohling stresses the importance of the FACT program as the final testing ground for experimentals before they reach the marketplace. "Testing is conducted prior to the release of new seed products, so farmers don't have to do costly experimenting on their own farms," he says.

"We're extremely pleased with these new advances in the FACT program," Bohling adds. "This unique collection of management information definitely will benefit farmers in developing crop management programs."

Third Western Pa. Pork Field Day held

BY BARBARA RADER
Staff Correspondent

NEW CASTLE — About 140 pork producers from Pennsylvania and Ohio attended the third Western Pa. Pork Field Day at the Lawrence County Fairgrounds on June 9. Approximately 50 commercial exhibitors also attended the event, which, beginning this year, will be held at different locations each year throughout the western portion of the state.

Patterned after the Keystone Pork Congress held in February, the field day began with registration at 9 a.m., followed by a trade show and guest speaker presentations before the noon pork barbecue.

Mercer County extension agent Les Firth spoke on swine record keeping, and Dr. Matthew Parsons, swine production consultant from Hadley, Massachusetts, presented his program on swine waste handling.

Dave Cieslak, manager of Cargill Research Farm in Elk River, Minnesota, and Dr. William R. Henning, Penn State extension meat specialist, each presented programs during the morning and afternoon sessions.

Cieslak's topics included baby pig management and care, as well as market hog management.

Dr. Henning utilized two carcasses to demonstrate the proper way to evaluate pork carcass quality and yield. He also spoke on the subject of pork promotion.

A demonstration on live sonar grading of market hogs was also featured. Thompson's Hog Farm supplied four Yorkshire pigs for the demonstration which showed how to assess the loin eye area and back fat thickness utilizing sonar.

Also scheduled during the field day was a meeting of the Lawrence County Porky Pig 4-H Club. Club leader Janet Dean of New Castle requested that each member attend a demonstration during the day. John Lamb from the county's sheep club provided instruction on grading using the pigs donated by Thompson's Farm. A grading competition was held, with prizes to be awarded at the next 4-H club meeting.

Heading up the event's planning committee were Donald Fretts of Scottdale, and Wendell McKissick of New Wilmington, along with assistance from the county agriculture extension office.

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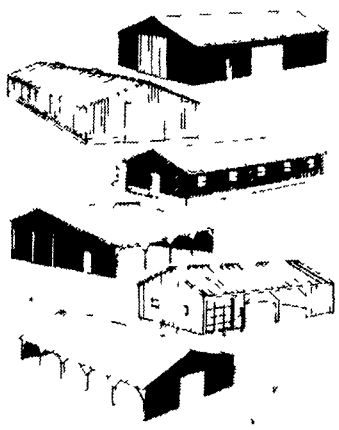
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Farm Talk

by

Jerry Webb

Delaware Extension

"No Trespassing" — not a very friendly expression but one that more and more farmers are being forced to use. All along the rural routes these days, you see those signs nailed on trees and fence posts bearing such messages as "No Trespassing," "Posted," "No Hunting or Trespassing," "No Admittance," and so on. Whatever the wording, the signs are there to remind folks that landowners have certain rights. The signs are part of the landowners' legal way of protecting those rights.

Across the land, courts have ruled that property owners have the right to defend their property. Part of that defense is to tell people they're not welcome. The courts have also ruled that because a farm is posted doesn't mean the landowner has the right to shoot trespassers or otherwise exhibit "excessive force." They have clearly said that farmers have the right to protect their property from outsiders. But there are some rules farmers must follow in their dealings with invaders or potential invaders.

A recent North Carolina extension publication deals with the general subject of law and the landowner, listing some rules and regulations as they apply in that state. Granted, there are differences between states, but in general the laws of trespass hold up throughout the country.

Barrie Stokes, author of the article, says most state laws say a landowner may not willfully or wantonly injure a trespasser. However, as a general rule, the landowners owes only a slight duty of care toward a trespasser. What that means is that a landowner doesn't have to keep his premises safe for a would-be trespasser or provide warnings about dangerous conditions the trespasser might encounter. Courts in that state, for example, have refused to impose liability for the drowning of a trespasser in an unguarded excavation pit. They also disallowed an injury claim sustained by a trespassing motorcycle rider who drove at high speed into a cable stretched across a farmer's driveway.

In that case, the court said the landowner did not act willfully and wantonly when he installed the cable to prevent trespassing.

Stokes believes the key point in the eviction of a trespasser is whether the amount of force used was or was not excessive. In general, the use of deadly force may be justified to repel an attack upon the landowner's person but would be justified to evict a trespasser causing no serious harm to trespasser or property.

What about the trespasser who refuses to leave the premises after clear? In that case, Stokes thinks the farmer would be well advised to call law enforcement authorities for assistance, because any threatening act that might include deadly force could be turned against the farmer in court.

A doctrine called "attractive nuisance" is a long-standing exception to the rule that landowners owe trespassers only the duty to refrain from actively harming them. Stokes says the law recognizes that a child who goes on land without legal rights or permission is a trespasser. But because that person is a child can't be expected to exercise the care of an adult. So the law imposes liability on the landowner for injury to a trespassing child resulting from a dangerous condition on the property.

The "attractive nuisance" doctrine usually involves only very young children who, according to Stokes, cannot comprehend an apparent danger. And, he says, the landowner would probably be held liable only if it is not economically feasible to prevent access to the condition or to render it safe without frustrating the purpose for which it was intended.

North Carolina courts have rules that natural bodies of water such as streams and brooks do not constitute attractive nuisances. Even an unenclosed irrigation pond is not an attractive nuisance if the landowners warns neighbor children and their parents to stay away from the pond. But merely posting a no trespassing sign probably does not constitute adequate warming, according to the expert.

When it gets down to it, dealing with trespassers involves common sense and good judgment. The courts aren't apt to rule against a farmer who has used reasonable care and has tried to keep his property safe. On the other hand, the farmer who shoots an unwelcome hunter just because he wandered past a no trespassing sign is probably in trouble.

There was a very famous case a few years back in the midwest where an unoccupied rural residence was robbed several times. The owner allegedly rigged a shotgun to fire when the door was opened. The invader was subsequently injured and sued the property owner. In that case the courts ruled in favor of the injured party even though he was in the act of committing a crime because of the unnecessary force involved. It was the court's judgement that the intruder was not harming a person, and therefore deadly force was not justifiable.

More and more farmers seem to be posting their property as a means of discouraging trespassers and avoiding some of the problems brought on by unwelcome guests. That may mean some of the neighborliness has left rural America as farms get larger and more businesslike. But on the other hand, there are still plenty of farm people who like company, who welcome visitors and who don't mind someone hunting on their property with proper permission. Rural America isn't closed to city folks. It's just that farmers are being a little more careful about who is welcomed and who isn't.

Maryland market list available to growers

Maryland fruit and vegetable growers may be interested in a list of over 36 regularly scheduled farmers markets operating in their state.

The markets are listed by county, and detail their locations, dates and hours and gives the name and telephone number of the contact person for each market so that prospective sellers can learn further of the market fees and regulations.

If you are a farmer or gardener and would like a copy of the 1984 Farmer's Market List, send a self-addressed, stamped, business size envelope to: Market List, Maryland Department of Agriculture, 50 Harry S. Truman Parkway, Annapolis, Maryland 21401.

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The Classified Livestock Section Has Beastly Selections!

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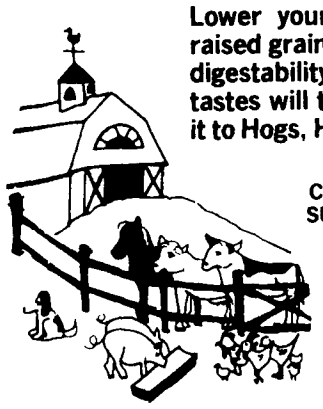

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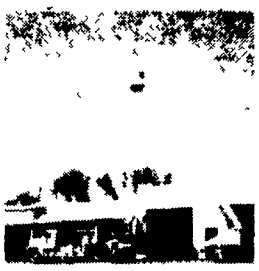

HENRY K. FISHER INC.
667 Hartman Station Rd.
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393-6530

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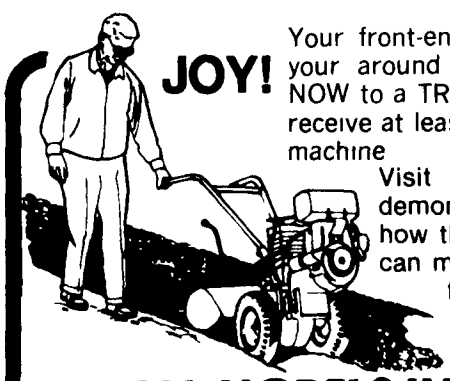

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Visit today for a free demonstration and see how the TROY-BILT Tiller can make your gardening fun again!

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PENNSYLVANIA CHAPTER LICA

Public Auction Register

Closing Date Monday 5 00 P M
of each week's publication

JUNE

SAT JUNE 23 - Colonial World Class Sale 2 Located at Adams Charolais Farm, Springfield, OH Sponsored by Colonial Charolais Association Managed by Garey Cattle Sales, Inc, 100 Walnut Lane Morrisville, PA 19067

SAT JUNE 23 - 10 AM Public Auction of a Registered Heifer Sale Located at New Holland Sales Stables, Inc 12 miles East of Lancaster, off Rt 23 Abe Diffenbach & Norman Kolb, Auctioneers

Sale Reports

A Public Auction of farm equipment was held June 16 by Millard G. McDowell Jr. at Hunter's Sale Barn, Inc. Rt. 276, Rising Sun, Md.

Some items sold were: J.D. 2840 tractor $10,300, N.H. 489 haybine $5150, N.H. 35 baler $5700, hay wagons $1375 & $1500, Oliver 1850 tractor $3000, J.D. 38 chopper $575, grass head for same $300, Ford 3000 & loader $4350, N.I. 40' elevator $1020, J.D. 714 chuck wagon $4000, Gehl chuck wagon $600, Brillion 9' chisel plow $985, A.C. 444 baler $500, flat wagons $175 to $225, N.H. 3 pt. sickle-bar mower $400, Wind Power generator $675 and Brillion 14' harrow $850.

Auctioneers were Norman E. Hunter and Parkes T. Williams.

x x x

A Large Auction of household goods and guns was held June 16 by the National Lutheran Home and Hazel Hess of Taneytown, Md. The sale was held at the Stewartstown Fire Co. Hall in York Co., Pa.

Some prices received were: 4 plank bottom chairs $85 each, dough tray on legs w/lid $300, oak sideboard $350, jelly cupboard $210, stoneware pitcher with blue flowers $460, 3-colored coverlet $500, quilts $200 & $135, unfired Winchester Model 92 pump gun $700, Winchester rifle $500 and other guns from $75 to $200.

Auctioneers were Bob and Tom Sechrist.

x x x

A Public Auction of real estate and antiques was held June 16 by Cora Ritz at 203 E. Third Avenue, Lititz, Lanc. Co., Pa.

The house at 203 E. Third Ave. in Lititz was sold for $61,000. Other prices included: antique china head doll $460, stuffed toy monkey $102.50, stuffed toy bear $190, Moravian bell $330, Oriental china covered dish $220, Oriental game $60, round oak table $290, maple bedroom suite $320, rope bed $130, child's rolltop desk $100, cherry dropleaf table $270, cherry hutch cupboard $290 and pine blanket chests $125 & $170.

T. Glenn Horst and Timothy Horst were the auctioneers.

A Public Auction of real estate and household goods was held June 16 by Edna N. Nolt, 2 miles north of Ephrata, along Route 272, Lanc. Co., Pa.

The 1½ story brick ranch-type house on 77.15 perches of land and a 2 car garage was sold to Warren Hoover, R.D. 1, Stevens for $50,000.

Other prices were: oak rolltop desk $585, oak extension table $240, blanket chest $380, refrigerator $375, carnival dishes $34 to $87.50 and Hahn Mower $200.

Auctioneers were Paul E. Martin and John D. Stauffer.

x x x

A Public Sale of real estate was held June 15 by Helen H. Harmsen, ½ mile east of Intercourse on N. West View Drive, Lanc. Co., Pa.

The 3 bedroom ranch house with wall to wall carpet and central air conditioning was sold for $57,000.

Auctioneer was Steve Petersheim.

x x x

A Dairy Herd Dispersal was held June 16 by Robert and Barbara Matylewicz, 1 mile from Route 307 at Lake Winola, Wyoming Co., Pa.

The top priced Holstein was sold for $1335. Two cows brought $1150 each and the 3rd high sold for $1125. The average for the 29 cows sold was $825.

The auctioneer was Wayne Weaver.

Short Notice

PUBLIC AUCTION

Short Notice

OF FARM EQUIPMENT

TUESDAY, JUNE 26, 1984

Located at Leinbach's Farm Market

To be offered immediately after the hay sale.

Directions:

Shippensburg, PA just off US Rt. 11, 1½ miles north of Shippensburg.

EQUIPMENT

JD 6600 Sidehill combine with 213 grain head; 444, 4 row corn head; 5400 no-till White 4 row corn planter with monitor, liquid fertilizer attachments and insecticide boxes; Ford 6000 diesel, wide front. As is; 14' grain auger.

TERMS: Cash or Good Check.

FARM & HOME ADMINISTRATION
Carlisle, PA

Auctioneers:
Melvin & Lamar Sensenig, AU-001803-L
717-776-5054 or 717-532-9160

Short Notice Not Responsible For Accidents Short Notice

PUBLIC ALL DAY AUCTION

ANTIQUES, COLLECTORS ITEMS, HOUSEHOLD GOODS, FARM ITEMS, ETC.

(Estate of Elizabeth Gordner)

13 miles E. of Hughesville, Pa. 2½ miles W. of Unityville. Auction arrows off Rt. 42 at Unityville.

SATURDAY, JUNE 30,1984

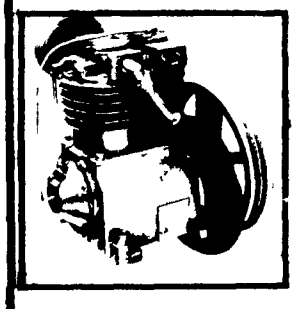
Starting. 9:00 A.M.

Brief listing follows: 2-3 pc oak bedroom suites, Cherry gateleg table, Oak 5 leg & round tables, 2 drysinks, secretary, fainting couch, oak dropfront desk, several washstands, several chairs, rockers, etc The Queen hi-back walnut pump organ, iron beds, 2 oak hi beds, Columbian cook stove, 6 spring wagon seats, hundreds of small items, Farmall Super M tractor, plows, harrow; manure spreader, wagon, Millville wagon, horse drawn machinery, butcher kettles, 600 bales mulch hay, 150 bales straw, Hundreds & Hundreds more items not listed, over 2 generation accumulation, no Auction here before in long time Plan to attend

Exe.: **HARLEY GORDNER**

Atty. J. Howard Langdon
Conducted by Fraley Auction Co.
(717) 546-6907 AU 001194L
Lunch. Tent.

Air Compressor Sales & Service



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RD 1 Box 94A Kirkwood, Pa. 17536
or call answering service **717-529-2668**

PUBLIC ANTIQUE SALE

Continuation Sale of Rare 30 Year Private Collection

SATURDAY, JUNE 30, 1984

Starting at 9:00 A.M.

To be held along the Old 522 at east side of Beaver Springs, Snyder County, PA. 60 miles north of Harrisburg, 30 miles east of Lewistown, PA.

Partial Listing Of Fine Antiques & Collectibles. Some Very Rare Items.

12 Pane Corner Cupboard; Queen Anne Highboy; Chippendale Mahogany Dining Room Suit with Sideboard; Tiger Maple Dropleaf Table; Child's Rocker; Child's Bench with Drawer; Carved Rose-Back Chair and Rocker; Stands with Drawers and Without; Baskets; Buggy Seats; Tiger Maple Steeple Clock; Weight Clocks; Spatter and Slipware; Redware; Witches Balls; Currier and Ives; Quilts; Blue Bird and Floral Crocks; Miscellaneous Blue Decorated Pieces; Lamps; Luster Ware; Copper Kettles; Blue Toilet Set; Dolls; Bottles; Glass Slippers; Miniature Lamps; Strings of Bells; Books; Toleware; Pattern Glass; Complete Set of Blue Ride Hand Painted Floral Design China; Plus Lots More.

TERMS: CASH LUNCH

Positively No Out-Of-State Checks - Must I.D. for Buyer No.)

Inspection by appointment on Thursday evening 6-9 p.m.

GLENN N. BINGMAN,
Owner
Beaver Springs, PA 17812
717-658-7300

Earl Eash, Auctioneer #AU000244L
717-966-2569

Bill Mattern, Apprentice Auctioneer
#AU001308L 717-966-2722

PUBLIC AUCTION

GRAIN DRYING & STORAGE EQUIPMENT

2.1 Acres 3 Brm. Mobile Home

The undersigned will offer the following on the premises located on Cloverleaf Road, nr. Strinstown, Pa.; take exit 13 off I 83.

FRIDAY, JULY 6, 1984

AT 7:00 P.M.

REAL ESTATE: 2.1 acres with 3 BR, 12x60 mobile home w/ref., stove, dishwasher, washer and dryer; also dinette and beds. There is a drilled well and septic system on the property.

PERSONAL PROPERTY: Grain drying equipment, 26,000 bu. cap. bin and dryer, dryer w/5000 bu. per day cap., augers, fans, cleaner and 55,000 lb. cap. scale.

TERMS: PERSONAL PROPERTY, CASH.

REAL ESTATE: $5,000 deposit by way of cash or approved check. Balance within 30 days at settlement time. Taxes to be adjusted to date of settlement. Transfer taxes to be divided equally with all other cost of transfer to be borne by the purchaser.

MANNER OF SALE: Personal property will be offered separately with bids held, 2.1 acres and mobile home will be offered with this bid held, then the entirety (previous bids) will be offered and the manner producing the greater amount will be the order of selling. All bids subject to owner confirmation at sale time.

FOR INSPECTION, CALL AUCTIONEER

OWNERS:
W. MARSHALL WHITE & JOHN C. WHITE

Auctioneer: Jack Reedy
Hampstead, MD.
239-8110

FARMERSVILLE AUCTION

TUESDAY, JUNE 26, 1984

4:00 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

Rife Estate, Ephrata, Farmers First Bank Ex. & partial lot out of Lancaster + additions.

2 waterfall bedroom suites; loveseat hide-a-bed; 2 refrigerators, 1 side x side; Empire bureau; Hoosier utility cabinet; wooden table w/4 chairs; lawn chairs; double bed complete; Kenmore auto. washer; utility cabinets; everyday dishes; etc. etc.

Also

THURSDAY, JUNE 28, 1984

5:00 P.M.

Grocery Sale

WE SELL ON COMMISSION

Call **JOHN J. RUTT**
354-5095 AA-1455-L

Consignments being accepted for our July 4 Antique Sale.

ESTATE SALE

OF REAL ESTATE, FARM MACHINERY & FAIR STOCK

SATURDAY, JULY 14, 1984

12 Noon Sharp

The undersigned, administrator of the Estate of Harvey J. Stake, deceased, will sell at the farm, located 47 miles west of Harrisburg, and 1.2 miles from Port Royal, Juniata County, Pa., real estate, farm machinery and fair stock.

Farm is located in Milford Township, Junita County. Take Route 333 West from Port Royal, turn on Lions Club Park Road (LR34063), 7/10 of a mile to sale.

REAL ESTATE TO BE SOLD AT 1 P.M. SHARP

TRACT NUMBER 1: Known as the Harvey Stake farm, 90 acres more or less, majority tillable. With two story frame house and outbuildings, most in need of repair. Stream runs through northwest corner of property.

The property borders the Tuscarora Creek on the south side and hard top road on the other. Farm has been idle for some time, but has the potential for some of the best producing land in the area.

TRACT NUMBER 2: 36.50 acres woodland, 217.8 feet hard road frontage.

TRACT NUMBER 3: 36.51 acres woodland, 60 feet hard road frontage.

PLEASE NOTE: Both Tracts 2 and 3 contain good average amount of saw timer and good young growth of timber. No timber has been cut off either tract since the late 1950s. Located on the Herringbone Ridge, both tracts have excellent hunting locations. Recent survey of woodland.

TERMS OF REAL ESTATE: Tract 1 will be offered as one unit. Tracts 2 and 3 will be offered separately and then together, making a total fo 73.1 acres.

Tract Number 1: 10% down at knock off, balance in 30 days.

Tracts 2 and 3: 20% down at knock off, balance in 30 days. Other terms day of sale.

FOR INSPECTION: For appointment to inspect real estate, contact auctioneer or call 717-527-2381 or 527-4584.

Two Shares of Juniata County Agricultural Society Stock will be sold immediately BEFORE Real Estate.

FARM MACHINERY & RELATED ITEMS 12:00 NOON

Estate of
HARVEY J. STAKE, Deceased
Darwin Kohler, Adm.
Steven V. Manbeck, Atty.

Lyters, Clerks
Bryan D. Imes, Auctioneer
R.D.2, Port Royal, Pa. 17082
Phone: 717-527-2449 or 527-4687
AU No. 001656-L LUNCH

NOT RESPONSIBLE FOR ACCIDENTS

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

AUCTION SALE

Sale By Order Of Secured Party

LUMBER YARD

REAL ESTATE, INVENTORY, EQUIPMENT

TUES. & WED., JUNE 26 & 27-
10 A.M. EACH DAY
ON PREMISES

MILLER BROS., INC.
1620 WILLOW ST., LEBANON, PA.

DIRECTIONS FROM ROUTE 422 IN LEBANON, PA , TURN NORTH ON 16TH ST (TRAFFIC LITE-GOODYEAR/AGWAY CORNER) 1/8 MI TURN WEST ON WILLOW ST , 1/8 MILE TO SALE SITE

REAL ESTATE +5 8 Acres With Well Planned And Constructed Modern Improvements
MAIN BLDG 27 400 Sq Ft Concrete Block Walls Steel Frame Wood Roof Joists Corrug Metal Roof Cement Floor Incl 4000 Sq Ft Mezzanine & 10 940 Sq Ft Air Conditioned Offices & Showroom **STORAGE BLDG** 7 500 Sq Ft Same Construction With (4) 18' Wide x 14' High Overhead Doors **STORAGE SHED** 1 704 Sq Ft Same Construction With Stoned Floor Open One Side **CANTILEVER SHED** 5 632 Sq Ft Steel Frame Open Sided & Ends With Concrete Block Corners Concrete & Macadam Floor Improvements & Site Well Maintained & In Excellent Condition Site Improvements In clude Storm Sewer 72 297 Sq Ft Macadam Paving 1 494 Lin Ft Chain Link & Wood Botton Fence & Gates Yard Lighting Land scaping & Parking In Front For 58 Cars Rear of Property Adjacent to Railroad Property Ideal For Lumber Yard Warehouse Mfg And/Or Distribution Facility Transportation And/Or Repair Depot

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48 000 B F Dimensional Lumber 2 x4 to 12 x8 to 16' 4 x4 x8 to 20 20 500 S F ½ x4 x8 Sheetrock 12 000 S F 3/8 x 4x8 Sheetrock 15 000 S F 5/8 & 1/2x4x12 14 500 S F Wood & Masonite Paneling 1 050 B F 5/4x4 to 12x8 to 16 Redwood 9 575 B F 1x4 to 12 x8 to 16 Yellow Pine 15 875 B F 5/4x4 to 12 x8 to 16 Yellow Pine 25 000 S F 1/2 to 1 x4x8 Owens Corning Foam Board Foil Faced 4 800 S F T 111 42 000 S F 1/4 to 3/4 Plywood Int & Ext 1 600 S F SFS 3/4 Birch Plywood 6 000 S F 7/16 Aspenite 7 000 S F 1/8 & 1/4 Pegboard & Hardboard 4 200 S F 3/8 3/4 x4x8 Particle Board 25 xR/L Particle Board Shelves 1 600 B F 1x3 Furring Strips 8 500 S F Ceiling Tile & Panels 12 x12 & 2 x4 925 Bdles Owens Corning Fiberglass Roof Shingles 210 Bdles Asphalt Roof Shingles 245 Rolls 19 S E Roll Roofing 100 Bdles Red Cedar Shingles Roof Coating & Cement Flashing & Flashing Cement

INSULATION, WINDOWS, DOORS, NAILS

400 Rolls Kraft Faced Insulation 428 Batts 24 Insulation 144 Bags Zonolite Attic Insulation Styrofoam Insulation 75 Anderson & Malta Vinyl Clad Prefin Basement & Casement Wood Window Units Andersen Bay Window Peachtree Dble Door Unit Wood Entrance Doors 110 H C Luan Doors 80 Luan & Birch Bifold Doors 6 000 L F Vinyl Mldgs 15 500 L F Wood Mldgs Casing Base Cove Stop Etc 12 500 Lbs Nails Common Finish Roofing Sheetrock Masonry etc Sakrete Sand Mix Black Top Black Top Sealer Joint Compound Wood Dowels Wood Jamb Sets Ceiling Grid 130 Bdles Shims PVC Pipe Stockade Fencing & Fence Posts Gutter Downspout Fiberglass Sheets Pine Stair Treads Poly Wrap

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1977 Chev 16 C65 Custom Deluxe Stake Body Truck 1972 Ford 600 14 Stake Body Truck 1981 Pontiac Grand Prix 1975 Ford Econoline 100 Van Pettibone 7250 Lb Dual Tire Gas Forklift Clark 3000 Lb Gas Forklift Dewalt 790 12 Radial Arm Saw Panel Saw 55 Sections H D 14 High Cantilever Pallet Racks 45 Sections H D 14 High Pallet Racks Pallet Jacks Push Carts Hand Trucks 16 Rolling Utility Ladder Fairbanks Scale 12 Alum A Ladders & Extension Ladders

THE ABOVE LUMBER & PLYWOOD INVENTORY & FIXTURES & EQUIPMENT WILL BE SOLD ON TUESDAY, JUNE 26th STARTING AT 10 A M THE FOLLOWING HARDWARE INVENTORY AND OFFICE FURNITURE & EQUIPMENT WILL BE SOLD ON WEDNESDAY, JUNE 27th STARTING AT 10 A M

PAINT, GARDEN SUPPLIES, PLUMBING

1 200 Gal Enamel Latex Flat & Housepaints by Glidden & Olympic in Pts Qts & Gallons 565 Gal Stain Wood Finishes by Olympic & Minwax in Pts Qts & Gals Sandpaper Sheets & Belts Tape Putty Knives Strippers Steel Wool Paint Brushes Rollers Trays Buckets Spackle Turpentine Caulk Guns Paint Mixers & Dispensers Garden Tools & Products Wheelbarrows Hose Reels & Hangers Lawn Edging Spreaders Rollers Elec Trimmers & Hedge Clippers Hoes Rakes Spades Shovels Post Hole Diggers Edgers Pitch Forks Pruning Shears Sprayers Lawn Food Fertilizer Weed Control Hose Access Gas Cans Clothesline Electrical Switches Outlets Covers Bxes Lamp Kits Wall Plates Fuses Batteries Flashlites 12/2 & 14/2 Romex Extension Cords Plumbing Traps Tubes Fittings Strainers SS Sinks Solder Kits PVC Fittings Bath Accessories Toilet Outfits Delta Faucets Thresholds Weather stripping Fireplace Equipment Shelving Shelf Brackets Stan dards Supports Shutters Wood Ladders Spindles Mirror Tile Design Brick Vanities

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Hand & Power Tools Hammers Screwdrivers Pliers Vise Grips Wrenches Levels Knives Saws Snips Punches Chisels Planes Clamps Axes Crow Bars Router Bits Drill Sets Saw Blades Circ Saw Blades Brushes Elec Drills Bench Grinders Jig Saws Routers Sanders Circular Saw Glue Gun B & D Workmate Quantity of Carded & Boxed Hardware & Fasteners Hooks Bolts Screws Hinges Braces Rivets Pulls Lifts Panel Board Nails Cabinet Hdwe Locksets Deadlocks Bolts Door Latches Staples & Staple Guns Deck Hdwe Sliding Door Hdwe , Mail Bxs Number Garage Door Opener Socket Sets Mason Tools Trowels Taping Knives Gutter Guards Gutter Fittings & Access Wallcovering Kits Vinyl Paste Adhesive Cement Glue Floor Jacks

OFFICE FURNITURE & EQUIPMENT

Service Desks Counters 10 Conference Table Executive Wood Desks w/Island & Credenza Leather Arm Chairs Swivel Chairs DP Desks Dinette Sets Bookcase Units Couch Coffee Table Sentry 2 Combination Safe Sanyo Memo Scribers Calculators VSP Micro Catalog Systems 2 IBM Typewriters 2 & 4 Dr File Cabinets 6 Fireproof File Cabinets 4 Dr Lateral File Cabinets Costumers Office Supplies Bogen Sound System 120 Sections Gondola Shelving

INSPECTION MONDAY, JUNE 25th-
9 AM TO 4 PM
TERMS CASH OR GUARANTEED FUNDS
25% DEPOSIT REQUIRED

PA AUCTIONEERS LICENSE #AU000175L

COMLY
1834 150th ANNIVERSARY 1984
Wm. F. Comly & Son, Inc.
Auctioneers

SAT JUNE 23 10 AM Public Auction of Line Equipment, Chipper Trucks & Trailers Located in Madison NY at the in tersection of Rt 20 & Rt 12B Oriskany Falls Telephone Corp' Facility Vilsmeier Auction Co Auctioneers

SAT JUNE 23 9 AM Public Auction of Wooded Real Estate Antiques Household Goods, Etc Located along Sunnyside Rd at corner of Wood Cock Rd , near Clyde Martin Memorial Speed way Richard W Spangler, Executor for the Carrie Spangler Estate Weik & Weik Auctioneers

SAT JUNE 23 11 AM Public Auction of Real Estate Located in Asbury Hunterdon Co NJ River Farm, Owners Max E Spann Inc , Auc tioneers

SAT JUNE 23 Public Auction of a Mobile Home, 2 Acre lot & Personal Pro perty Located along Laurel Hill Rd and Bridge, 1 miles off Rt 625, 3 miles southeast of the village of Bowmansville Brecknock Twp , Lancaster Enos S Weaver & Dorothy M Weaver, Owners LeRoy S Horst, Auctioneer

SAT JUNE 23 - 9 30 AM Public Auction of Auto Repair Equipment, Tools, Household Goods, Antiques & Coins Located along South Farmersville Rd between Farmersville & Bareville West Earl Twp , Lanc Co , PA Take Rt 222 to Rt 772 Turn left at restaurant, con tinue 4 miles to Farmersville J Martin Groff & Mary Edna Groff, Owners T Glenn & Timothy Horst, Auc tioneers

SAT JUNE 23 10 AM Public Auction of Real Estate, Antiques & Household Items Located 2½ miles north of Blossburg, PA on Rt 15, 7 miles south of Mansfield, PA on Rt 15 LaRoca Faye Estate Ron Mase, Auctioneer

SAT JUNE 23 9 AM Public Auction of Farm Machinery, Hog Equin ment & Household Located on Rt 663 bet ween Spinnerstown and Pennsburg Turn north onto Geryville Pike for ½ mile Walter & Mary Lichtenwalner Owners Harold Billmeyer, Auc tioneer

SAT JUNE 23 9 AM Public Auction of Household, Hand Tools Reproduction and Anti ques Located in Quentin, PA , Lebanon Co off In tersection of Rt 72 & 419 Howard Risser Estate Raymond Risser & Harold Dundore, Executors Joseph C Hoke, Jr , Auc tioneer

SAT JUNE 23 - 9 30 AM Public Auction of a lifetime Collection of Gas Engines, Steam Engine, Tractor, Shop Tools, Old Guns, Household Collec tibles, Etc Located at 3803 Aldino Rd , Aber deen, MD From Baltimore - Take US 95 towards Aberdeen, exit on Rt 22 toward Churchville Go to Rt 156, turn right, go to Aldino Rd From Harve DeGrace Bridge (west side), turn right on Rt 155 (cross US 95) Go to Rt 156, turn left at gas station Follow to Aldino Rd Raymond Ott, Owner Norman Hunter, Auc tioneer

SAT JUNE 23 - 10 AM Public Auction of Pilling's Summer Clearance Sell ing Recreational Vehicles and Equipment Located in Coal Twp , PA off Rt 61 south of Shamokin, to Logan & Tioga Streets Earl Pilling, Owner John Autotore, & John Jr Auc tioneers

SAT JUNE 23 6 PM Public Auction of Cars, Truck, Tractor, Trailer, Sleighs, Coins, Appliances & Personal Property Located at the New Bridgeville Fire Hall, East of Red Lion along Rt 425 leading toward Indian Steps Museum Reynold L Burke, Auctioneer

SAT JUNE 23 9 AM Public Auction of Farm Equipment, Van, Car, Guns Pigeon Supplies, Household Goods & Anti ques Located 1 mile N of Fogelsville on Rt 100 just past Applewood sign Turn west onto Wertman St , for 1½ miles to farm, Weisenberg Twp , Lehigh Co , PA Woodrow Kerschner Estate Myrtle Kerschner, Ad ministrator Ralph W Zet tlemoyer Auction Co Inc

SAT JUNE 23 9 AM Public Auction of Farm & Equipment Consignment Sale Located at Exit 2 in terstate 81 & Rt 11 1 mile south of Greencastle, PA Mason Dixon Auto Auction, Owners Mayhuugh, Mayhugh Rockwell & Wildeson Auc tioneers

SAT JUNE 23 10 AM Public Auction of Trac tors, Trucks & Farm Equipment Located 1 mile north of Greenwood, Delaware, on Rt 13 B & G Sales, George Eskridge Owner Wilson's Auction Sales, Inc Auctioneers

SAT JUNE 23 9 AM Public Auction of the Hoff master Collection Located at 135 West Market St in Hallam Borough Take Rt 30 bypass 7 miles east of York, PA Frederick Toomey Auctioneer

SAT JUNE 23 10 30 AM Public Auction of Anti ques & Furnishings from several local estates Located at Rudnick's Sales Barn, Rt 213, Galena, MD Harry Rud nick & Sons Inc , Auc tioneers

SAT JUNE 23 10 AM Public 2 Day Construction Equipment Auction Sell ing Hydraulic Excavators, Dozers, Loaders Backhoes, Trucks, Trailers, Cars & Tools Located in Florence (Burgettstown), PA From Washington, PA approx 25 miles north on PA Rt 18 From Pittsburgh, take US Rt 60 to US Rt 22 west to PA Rt 18, then north 3 miles to auction site Jenkins & Dunham Excavating Co , AHL Brothers Construction Co , Inc , Owners Anderson Auctioneers, Inc

PUBLIC AUCTION

FRIDAY EVE. JUNE 29, 1984

7:00 P.M.

Located in Perry Co., Watts Twp., Pa., at the corner of Motter and Creek Road, 3 miles West of New Buffalo, turn off routes 11 & 15 at Trail Diner on Motter Road (Watch for signs)

REAL ESTATE

4.968 Acres with survey - Nice piece of property, all cleared - road frontage on 3 sides - Property has drilled well and good spetic system.

Terms to be announced at sale time.
10% down; balance in 30 days.

MOBILE HOME

12x50 Atlantic Mobile Home (setting on foundation); 2 bedrooms, Gas Stove.

FURNITURE

Citation Upright Freezer; Breakfast Set; G.E. Harvest Gold Refrigerator; Sylvania Color T.V. (Port.); Oak Buffet; Some Old Books; Hotpoint Dryer; Kenmore Auto. Washer; Small Asst. of Pots, Pans, Etc.

Not Responsible for Accidents
I.D. Required for Bidder's No.

ETHEL LOWE ESTATE
Ira Lowe &
George Lowe, Exec.

Sale By:

AUCTION SERVICE KLING'S
R D 1, Landisburg, PA 17040
tel 717-789-3883
Lic. #500

PUBLIC AUCTION

At the residence in Piney Neck, from Chestertown take Route 20 for about 10 miles toward Rock Hall, turn left at Blue Store (Edesville & Piney Neck Rd.) Signs posted just north of Rock Hall, Md.

SATURDAY, JUNE 30, 1984

at 10:30 A.M.

Antique and old Church Furniture, 20 pine church benches, (11' church pews, choir chairs, pulpit chairs, lots of oak spindle back and cane seat chairs, oak setee, metal folding chairs, childrens' wood folding chairs, piano stools w/glass & claw feet, oak antique rockers, maple china closet, maple hutch, bedroom furniture, oak music cabinet, wardrobe, ice cream chairs, drop leaf table, mirrors, etc...
Cast silver bronze bell (18") with cast iron yoke-wheel-clapper, Libby (Nevy) gas powered generator-welder, Antique Rex Cement mixer w/original water jacket gas motor, old motors, 34' wood boat sides, oak parkay flooring, old shutters, Refrig.-heat unit, new roof top air conditioner, particle board, amplifier & speaker, 2 sausage presses, oil flares, 2 York cooler doors, Coke machine, marine items & hardware, portable generator, Onan boat generator, large old drill press, roll of new cable, screening, Hyd. press, 14' galv. pulleys (large), air compressor, propane gas tanks, saw sharpener, 14' table saw, radial saw, kegs of rivets, aircraft hardware, 4 & 6 cyl. Buda motor heads, old telephone truck w/winch, 10 ton porta-power, steam jenney, hand lawn mowers, Shram air compressor, etc...FORD 800 Jubilee TRACTOR w/loader, grader blade, Woods RM 59 Mower (like new) metal band saw, various metals, etc...Many other items too numerous to mention.

Owner,
EVELYN REYNOLDS
Piney Neck, Rock Hall, Md.

HARRY RUDNICK & SONS, INC.
Auctioneers of Galena, Md.
Phone: (301) 648-5601

AU No. 001656-L

LIQUIDATION AUCTION

HERMAN H. MILLER BUILDING SUPPLIES

THURSDAY, JUNE 28, 1984

at 9:30 A.M.

SATURDAY, JUNE 30, 1984

at 9:30 A.M.

Corner of Goodspring Road (Rt. 125) and Chestnut Street, HEGINS, Schuylkill County, Pa.

LOT 50 FT. x 150 FT.
2-STORY 35' x 134'
FRAME BUILDING

If you are in the market for a retail or wholesale OUTLET or in need of a WAREHOUSE with LOADING DOCKS, you will plan now to investigate this property! Arrange your financing and be prepared to bid and buy at the sale.
FOR INSPECTION CALL: 682-9249 or 682-3558.
TERMS: 10% down the day of sale, further terms and conditions to be announced when real estate is offered on Saturday, June 30 at 12 Noon.

BUILDING SUPPLIES — FIXTURES HARDWARE — EQUIPMENT TRUCKS

2x4, 2x6 & 2x12 Framing Lumber; White Pine, Yellow Pine & Fir Boards; large amount New & Used Interior & Exterior WINDOWS & DOORS in assorted sizes; 6' Patio Sliding Door Unit; Solid Core Birch Doors; Aluminum Storm Doors; Shutters; ¾" Form Plywood; ½" Exterior Plywood; Sheet Rock; ½" Flake Board; Underlayment; Wooden & Asphalt Shingles; Rolls Tar Paper; Roof Capping; Copper Flashing; assortment Aluminum & Vinyl Siding, Soffit, & Fascia Material; Aluminum Spouting & Gutters 21' to 37'; Metal Edging; Furring Strips; Fiberglas Panels; 8' Garage Door Opener; Bilco Metal Cellar Door; Styrofoam Insulation Sheets; 3½" & 6" Rolls Fiberglass Insulation; Paneling; Ceiling Tile & Suspended Ceiling Supplies; lot Wooden Trim & Moldings; Tile Board & Paneling Trim & Molding; Metal Railing; Cedar Closet Lining; Flooring; ¾" Birch Fiberboard for Cabinets; Redwood Lumber; 4" Weatherboard; Approx. 2-TON NAILS: Nuts; Bolts; Screws; Hinges; etc.; lot Rust-Oleum & Pittsburgh Paints; Olympic Stains; Paint Brushes & Rollers; lot BARN DOOR HARDWARE; Roof Coating; Caulking; Copper Screening; Chains; Glass; many, many shelves & drawers filled with NEW HARDWARE ITEMS to be sold to the highest bidder.

1964 DODGE 400 FLAT BED TRUCK
1974 FORD F250 CAMPER
SPECIAL PICK-UP TRUCK

Wooden & Aluminum extension ladders; Scaffolding; Stepladders; 8" Delta Table Saw w/Motor; EKW Portable Single Phase 3000 watt Generator; Knipco Space Heater; Salamander; Glass Cutting Table; DOUBLE DOOR SAFE 40" wide 66" high; Wall Safe; Drawing Desk; Cabinets; Paint Shaker; lot Wooden Nail Kegs; Boring Machine; many other items.

Order of Sale: Thursday- Roofing, Insulation, Framing Lumber & Hardware. Saturday- Hardware, Lumber Supplies, Equipment & Trucks.

Owners,
HERMAN H. MILLER & MABEL MILLER

David H. Rattigan, Esq.
Williamson, Friedberg & Jones
Mike, Auctioneer
AU001599-L (717) 425-3313
George, Realtor & Auctioneer
AU000209-L

DEIBERT

Public Auction Register

Closing Date Monday, 5 00 P M
of each week s publication

SAT JUNE 23 9 AM Public Auction 2 Day Sale of Antiques Located at the Kauffman Station Community Center, 3 miles north of Greencastle, Franklin PA Turn east off US Rt 11 at Cross Roads Dairy G Fred Ziegler Estate Citizens Nat'l Bank, Trust Dept , Executors Edgar J Stull, Auctioneer

MON JUNE 25 2 PM Public Auction of a Complete Liquidation of the Perkins Pancake and Steak House Restaurant Selling Restaurant Equipment Located at 902 North Front St , (Rts 11 15) Wormleysburg Just north of Harvey Taylor Bridge near State Legion Headquarters across river from Hbg , PA George Fradishka Owner Kerry Pae, Auctioneers

TUES JUNE 26 4 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneers

TUES JUNE 26 - 10 AM Large Holstein Dispersal, 182 head of Holsteins Located on the farm on Beatty Road off Houck's Mill Road three-fourths of a mile west of Route 146 in Harford Co , MD From Jarrettsville take Route 23 west to Madonna, go south on Route 146 to Houck's Mill Road From the Baltimore Beltway take Route 146 north 16 miles to Houck's Mill Road Frank B and Philip L Ober, Owners Sale manager, Remsburg Sale Service

TUES JUNE 26 & WED JUNE 27 - 10 AM Public Auction of Lumber Yard Real Estate, Inventory & Equipment Located at 1620 Willow St , Lebanon, PA From Rt 422 in Lebanon, PA Turn north on 16th St (traffic light Goodyear/Agway corner), 1/8 mile Turn west on Willow St , 1/8 mile to sale Miller Bros , Inc , Owners Wm F Comly & Son, Inc , Auctioneer

TUES JUNE 26 - 10 AM Public Auction of Cattle and Farm Machinery Located at Hillside Farm, along the Pea Ridge Rd near Grantsville, MD Take US Rts 40 or 48 to the lower New Germany Road exit Take lower New Germany Road to Avilton-Lonaconing Rd to Pea Ridge Rd Mr & Mrs Arlen Miller & John Weimer, Owners Robert Custer & Clark Yoder, Auctioneers

WED JUNE 27 - 1 PM Public Auction of 21 Dairy Cows Norris Waller, Owner Chester Lee Carroll, Auctioneer

WED JUNE 27 - 10 30 AM Public Auction of the Complete Herd Dispersal Sale of Hoff-Manor Holsteins Located in Scipio Center, NY, Cayuga Co Farm on Black Street Turn off Rt 34, 1 mile south of Scipio Center to Sherwood Rd Go for 1 mile and turn to Black St , first farm Scipio Center is 25 miles north of Ithaca and 12 miles south of Auburn Ralph, Helen, John & Gerald Hoffman, Owners Mel Manasse, Auctioneer

THURS JUNE 28 & SAT JUNE 30 9 30 AM Public Auction of Building Supplies, Fixtures, Hardware, Equipment, Trucks - 1964 Dodge 400 Flat Bed Truck & a 1974 Ford F250 Camper Special Pick up Truck Located at the corner of Goodspring Rd (Rt 125) and Chestnut St , Hegins, Schuylkill Co , PA Herman H Miller Building Supplies Herman H Miller & Mabel Miller Owners Mike and George Deibert, Auctioneers

THURS JUNE 28 9 30 AM Public Auction of Power Line Erection Equipment Trucks, Trailers & Line Tools Located in Casper, Wyoming on Rt 20/26, approx 5 miles east of Casper Wyoming Industrial Electric's Shop & Yard Facility Owners Vilsmeier Auction Co Auctioneers

THURS JUNE 28 FRI JUNE 29 8 30 AM Public Auction of a Large 2 Day Sale of Farm Equipment Located at the Horst place of business, 6 miles south of Chambersburg, PA 1 mile east of Marion, just east off Rt 81 at Marion exit #4 along Rt 914 Ralph W Horst, Auctioneer/Manager

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LARGE TWO DAY SALE OF FARM EQUIPMENT

at our place of business located six miles south of Chambersburg, Pa., one mile east of Marion, just east off Rte. 81 at Marion Exit No. 4 along Rte. 914 on

THURSDAY, JUNE 28, 1984
FRIDAY, JUNE 29, 1984

Sales at 8:30 A.M. Each Day

SELLING THURSDAY, JUNE 28

Usual run of tractors inc. John Deere, International, Massey Ferguson, Fords, Case, Oliver, A.C., M-M and others, several with loaders. Some Ind. equipment expected, trucks, trailers, lawn and garden tractors, posts, gates, chain saws, tires, pipe and usual run of misc. items.

SELLING FRIDAY, JUNE 29

Balers, Haybines, Rakes, Mowers, Combines, Harvesters, Pickers, Flail Choppers, Forage and other wagons, Elevators, Loaders, Sprayers, Grinder-Mixers, Spreaders, Planters, Drills, Plows, Disc Harrows, Chisel Plows, New and Used Rotary Mowers, Blades, Post Diggers and usual run of equipt., bal. of small items.

FARMERS & DEALERS - Bring in your equipt. for this sale. No equipt. with liens or financed accepted unless we are notified. Please secure all P.T.O. shafts securely to machine. No equipt. removed until settled for. TERMS: Cash or Good Check — Breakfast and Lunch at Sale.

Next Sale August 9-10
Open Daily 8 A.M. till 5 P.M.
Sat. until 3 P.M. Closed Sundays
RALPH W. HORST, Manager
License No. AU-000437L
Marion, Pa. 17235 Phone: 717-375-2824

PUBLIC SALE

From Interstate 81 South of Martinsburg, WV, Take Exit #5 (Inwood) WV, Route 51 East approximately 3½ miles to Shutt's Cash Grocery (Formerly Haines') Turn Right - .2 of a mile to sale. OR From Charles Town, WV, Take route 51 West, Go approximately 8½ miles to Shutt's Cash Grocery Turn left - .2 of a mile to sale.

WEDNESDAY, JULY 4, 1984
At 9:00 A.M.

TRACTORS AND EQUIPMENT: Approximately 20-25 tractors including Cubs, Fords, John Deere, Internationals, Fergusons, and other tractors. We will also be offering a good selection of plows, cultivators, wagons, new and used rotary cutters, 6 and 7 ft. blades, post hole diggers, discs, wood saws, rakes, balers, round balers, grain elevators, corn pickers, and other farm relating articles.

We will also be offering a good selection of NEW AND USED TOOLS — Canned goods, hams and other food items - Some household articles.

TERMS: Cash or Good Check. Nothing to be removed until settled for ID required to acquire bidding number.

Edgar A. Bohrer, Sale Mgr.
WV Lic. #18-85
304-229-8354
Clerks: Bohrer and Bohrer

NOTE: This is a consignment sale. Let us turn your unusued farm articles, household articles, and antiques into cash for you. If you are considering having an auction, please contact us. We would be pleased to serve your needs.

ORDER OF SALE: Small items - tools, household articles, food, etc. will be offered promptly at 9 a.m. Tractors and Equipment will be offered promptly at 1 p.m.

Not Responsible For Accidents on Premises
Lunch Rights Reserved

ABSOLUTE AUCTION

Having decided to discontinue my trucking business, I will sell the following at Heavlow & Sons Garage, Routes 290 and 213, Galena, Md.

SATURDAY, JULY 7, 1984
at 11:00 a.m.

7 INTERNATIONAL TRUCK TRACTORS, 6 FRUEHAUF TRAILERS

'79 Transistar 400 Cummins Diesel (rebuilt 20,000); '77 Transistar 290 Cummins Diesel (rebuilt 300 miles); '75 Transistar 350 Cummins Diesel (rebuilt 65,000); '74 Int. 290 Cummins Diesel (needs rebuilding), '67 Int. Gas 2 Speed tag axle in good condition, '67 Int. gas, single axle 2 speed rear in good condition, '66 Int. gas, single axle 2 speed rear (good engine)...

'78 Fruehauf Refrig. Trailer (unit rebuilt fall of '83); '77 Fruehauf Refrig. Trailer (unit rebuilt spring of '84); '76 Fruehauf Refrig. Trailer (unit rebuilt fall of '83); '75 Fruehauf Refrig. Trailer (unit rebuilt fall of '83); (The above trailers are tandem axle and 42' in length and 12'6" and 13' high); '75 Fruehauf 42' flatbed trailer w/sides, '75 Fontaine 40' flatbed trailer w/sides in excellent condition.

Inspection at any time prior to sale.
Terms: Cash, Certified or Cashier Checks, or Checks with Bank Letter of Credit.

Owner,
IRWIN J. HEAVLOW
Routes 213 and 290
Galena, MD 21635
HARRY RUDNICK & SONS, INC.
Sales Managers & Auctioneers of Galena, Md.
(301) 648-5601

PUBLIC SALE

REAL ESTATE & FARM EQUIPMENT

SATURDAY, JUNE 30, 1984
at 11:00 A.M.

Located along Burkholder Road (66014). Approx. 2 miles south of Red Lion on Route 74 to Godfrey's Ice Cream Bar. Turn left on the road leading to New Bridgeville. Windsor Twp., York Co., Pa. Watch for sale signs.

REAL ESTATE

Offered at 1:00 P.M. Approx. 24 acre farm. 2 acres of wood land. Several 100 ft. hard road frontage. Improved with large 2½ story, 8 room, frame house w/basement. Bath, elec. heat, Windsor Twp. sewer, also large bank barn. Nice country property for development or farming. 10% down day of sale and balance in 60 days. Ph. 244-2702 for appointment to see property.

FARM EQUIPMENT

Farmall H - good tires - hill side hitch, 8 N Ford - new rear tires, both tractors in nice cond., tractor chains, 3 pt. cultivators, 3 pt. Ford 2 base plow, 3 pt. 4 row weeder, 3 pt. 7' rear scraper blade, 3 pt. sprayer, 3 pt. Ford jack, 3 pt. IHC corn planter, real nice Grove 7'x14' flat bed wagon, New 10 ton H.D. twin cyd. Energy wagon hoist, IHC 13 disc grain drill on steel, pull type 5' rotary mower, J.D. 14" 2 bottom pull type plows, Oliver 28 disc harrow, 3 section spring harrow, A.C. 7' tractor mower, cross cannon corn sheller, 2 hole corn sheller, buck saw, flat endless belts, stone & drag sleds, snow fence, wire & fence post, cement mixer w/elec. motor, wheel weights, platform scales, screw jacks, 8'x10' overhead garage door, lawn roller, rotary mower, 7 H.P. Bonanza 36' riding mower, alum. windows & doors, 28' circular saw blade, ½ ton chain hoist, log chains, hand & garden tools, 44'&40' & other ext. ladders, 32' swing ladder, step ladders, block & falls, American #12 cidar mill w/elec. motor, butcher furnace and more misc. items not mentioned.

TERMS: CASH Refreshments served
Not responsible for accidents

C. HORACE GIPE
Ph. 244-2702

Reynold L. Burke
Auct. #AU-000117-L

REAL ESTATE AT PUBLIC SALE

SATURDAY, JULY 7, 1984
1:00 P.M.

Property is located in Lack Township, Juniata County, Pa., along Route 35, 60 miles west of Harrisburg.

Property consists of 70 acres, more or less, known as the William Owens farm. Tract is located between Reeds Gap and Cross Keys, about 20 miles south of Mifflin, or 17 miles north of Shade Gap.

Situated on both sides of Pennsylvania Route 35, the property includes both farmland and woodland. Stream runs through the property. A substantial amount of good timber, including stands of some black walnut. Timber has not been cut since the early 1930s. Excellent hunting area.

TERMS OF SALE: Twenty percent (20%) of the purchase price is payable upon acceptance of the bid. The balance of the purchase price shall be payable 30 days thereafter, upon delivery of a valid deed, conveying good and marketable title to the premises. The seller will pay half of all realty transfer taxes imposed on the conveyance. All remaining transfer taxes and costs shall be paid by the buyer.

The undersigned reserves the right to reject any or all bids and to impose additional terms and conditions prior to the bidding.

Additional information may be obtained by contacting the undersigned:

Estate of
WILLIAM B. OWENS
Arline A. Sherman, Administratix d.b.n.
26321 Horse Valley Road
East Waterford, Pa. 17021
Phone: 717-349-7419

For Inspection of Real Estate Contact:
Bryan D. Imes, Auctioneer
R.D.2, Port Royal, Pa. 17082
Phone: 717-527-2449 or 527-4687
AU No. 001656-L

R. Merle Heffner, Esq., Atty.
113 Fourth Street
Huntingdon, Pa. 16652
Phone: 814-643-3550
Not Responsible for Accidents

COMPLETE LIQUIDATION

ABSOLUTE AUCTION

MONDAY, JUNE 25, 1984
At 2:00 P.M.

PERKINS PANCAKE AND STEAK HOUSE RESTAURANT
902 North Front St., (Rts. 11-15), Wormleysburg. Just North of Harvey Taylor Bridge near State Legion Headquarters, across river from Hbg., PA.

RESTAURANT EQUIPMENT

CMC 6 Ft. Upright Stainless Steel 3 Door Freezer, Manitowoc 600 lb. Ice Cube Machine, Victory Upright S/S Freezer, Garland 36" six Burner Stove/Oven, US Verkel Slicer, 8 Ft. three bosh S/S Sink w/Drain Board Ends, Hobart Dough Mixer w/Attachments, Amana RS-7 Microwave Oven, 48" Golden Chef Sandwich Table Unit, 8 Ft. S/S Work table w/Shelves, Wearever Carbroil Grill, 3 Ft. S/S Freezer on Wheels, GE 2 Drawer Warmer Unit, Hobart Dishwasher Center w/Sprayer, Sinks & Disposal, 6 Ft. S/S Electric Grill & Stand, 2 Four Ft. S/S Electric Grills, 3 Ft. Star S/S Sandwich Unit, Table Top Steam Table, 2 Four Ft. S/S Reach-In Coolers, 2 Electric Deep Fryers, Anets Infra-Red Warmer on Wheels, S/S Plate Warmer on Wheels, 3 Ft. S/S Cart, 3 Ft. S/S Work Table, 16 Ft. Waitress Station Back Bar, 10 Ft. Back Bar, 16 Ft. Counter w/Rack Storage, 12 Ft. Formica Counter, 6 Ft. Salad Bar, 4 Ft. Salad Bar, 17 Booths/Tables, 13 Rectangular Tables, 42 Stacking Chairs, 50 Ft. of Shelving, 3 Toastmaster Toasters, 2 Bus Boy Carts, Milk Shake Machine, Bunn Coffee Maker, 2 GE Freezers, 3 Wells Waffle Makers, Candy Stove w/2 Kettles, Star 4 Ft. Refrigerated Pie Case, S/S Shelves, Silver King Milk Dispenser, Cigarette Machine, NCR Cash Register, Display Counter, 4x6 Sign w/Letters, Asst. Utensils, S/S Pots, Pans, Booster Chairs, Time Clock, Restaurant China, Salad Bowls, Plasticware, Sugar Racks, Hostess Sign, Fire Extinguishers, Office Desk, 4 Drawer File Cabinet, Coat Rack, Highchairs and Other Related Equipt.

NOTE: Items can be seen day of Auction only, from 9:00 A.M. until sale time. No out of State Checks. Complete removal must be by Friday, June 29, 1984 at NOON.

GEORGE FRADISHKA
Owner

KERRY PAE AUCTIONEERS
327 N Front Street
Harrisburg, PA 17101
(717) 236-3752
Lic. No. AU1367

PUBLIC AUCTION

9N Ford Tractor, 8N Ford Tractor w/7' Sauder Blade Also Step Up Step Down Trans Hyd Valve, Oak S Rolltop Desk, Copper Clad Kitchen Range, Caloric Parlor Heater, Fine Furniture, Quilts, Etc.

SATURDAY, JUNE 30, 1984

Sale Time 9:00 A.M.
Furniture Sells First
Tractors & Machinery Sells 1:00 P.M.
Indoors at the Carnival Grounds just off Rt. 73 bet. Rdg. & Boyertown in Oley, Berks Co. PA.

3 pt. scoop sawbuck & grader, Ford pulley, drawbars, chains, Cub Cadet 10 H P lawn tractor w/creeper drive & mower, oak pcs. incl. sideboard, chairs, dropleaf ext. & library table, sm. dresser, Sellers kitchen cabinet, victrola, blanket chest, lg. chest freezer, pictures & frames, crocks, blankets, quilts, linens, meat slicer, sausage stuffer, butcher ladles, hog scrapers, kero. lites, ad items, New Haven 12 ga. shotgun, 22 bolt action Savage Sportster, 22 shots, longs & long rifle shells, rag carpet, wicker fernery, cedar chest, china, glassware, spool cabinets, pots & pans, refrigerator, post hole drill, corn cracker, trailer, air compressor, Remington PL4 chain saw, ¼ 3/8 " socket sets, deep socket set, 3/8 to 1¼" open end box end wrench set, planes Ohio no. 5, a very lg. selection of fine plumbing, carpenter & other tools, old Ford car parts, Eagle Catasauqua Beer tray & many more fine articles, a big sale, be sure to attend.

TERMS: CASH. **Refreshments.**

Sale for
AURTHER J. BOYER

David S. Allgyer, Auct. #AU-000009-L
R.D.#2 Oley, PA
Shirley I. Moyer, App.

Carroll's Sales Co., Inc.

PUBLIC AUCTION

OF HORSE FARM-RACE HORSES
HORSE EQUIPMENT-
FARM EQUIPMENT

From Easton to Denton, take Route 328, leaving Easton go about 2 miles to Black Dog Alley Rd., turn left. Follow signs.

MONDAY, JULY 2, 1984

starting at 12 O'Clock

REAL ESTATE at 2:30 p.m.

63 Acre Farm, more or less, Home, Barns, Sheds, equipment shed, Training Track, all fenced into 11 fields, shelters, running water in each field. (Call for Brochure)

RACE HORSES

14 Horses, including Broodmares, Racehorses, Yearlings. (Call for catalog)

HORSE EQUIPMENT

2 Horse Kingston Horse Trailer, Jog Carts, Race Bikes, 15 sets Harness, Whirlpool, Blankets, Trunks, Lot odd bits & etc. Also, 2 Seat Open Carriage, One Seat Open Carriage, Sleigh.

FARM EQUIPMENT

IHC Tractor #184 w/5' Woods Mower, J. Deere #2510 Tractor, J. Deere PTO Spreader #34, Lilliston 7' Rotary Mower, 12 Spout J. Deere, Drill, PTO Post Hole Digger w/2 Augers, 3 Point Spring Tooth, AC Wheel Disc, 7' J. Deere Mower w/cutter Bar, J. Deere Hay Fluffer, 3 Point Hitch Scrape, 3 Two Wheel Carts, 3 Metal Gates, Odd Sheets Tin, etc.

SALE ORDER: Starting at 12 O'Clock - Farm Equipment, Tack & Equipment, Horses.
Real Estate at 2:30 p.m.

TERMS: Cash - Horses & Equipment
Real Estate - 15% Down - Settlement in 60 days. See Brochure.
Not Responsible for Accidents

OWNERS
DON & DALE MILBY
To Ri Acres
Easton, Md.

AUCTIONEERS
Carroll's Sales Co.
Harry Barrett
Chester Lee Carroll
Anthony B. Carroll
Phone 302-284-4911

LUNCH SERVED

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

THURS JUNE 28 5 PM Public Auction Grocery Sale at Gap Auction Located off Rt 41, Lancaster, Turkey Hill Minit Market Cross RR bridge Ira Stoltzfus & Son, Auctioneers

FRI JUNE 29 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son Auctioneers

FRI JUNE 29 7 PM Public Auction of Real Estate, Mobile Home & Furniture Located in Perry Co, Watts Twp, PA at the corner of Motter and Creek Rd, 3 miles west of New Buffalo Turn off Rts 11 & 15 at Trail Diner on Motter Rd Ethel Lower Estate Ira & George Lowe, Executors Kling's Auction Service, Auctioneers

FRI JUNE 29 - 10 AM Public Auction of Line Equipment Located in Pittston, PA at the T C Lloyd's shop facility just off Exit 37 of the Northeast ext of the PA Tpke in Pittston Vilsmeier Auction Co, Inc, Auctioneers

FRI JUNE 29 8 PM Public Auction of a Complete York County Herd Located at Shady Lane Dairy Sales, Inc, New Park, PA W W Warner, Owner Glenn & David Fite, Auctioneers

FRI JUNE 29 8 PM Public Auction of the W W Warner Herd Dispersal Located at Shady Lane Dairy Sales, Inc, Quarryville, PA

SAT JUNE 30 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc, Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

SAT JUNE 30 6 PM Public Auction of Arnold's 32nd Sale of Bred & Open Gilts and Boars Located at the Lebanon Fairgrounds, Lebanon, PA Harry Bachman, Auctioneer

SAT JUNE 30 9 AM Public Auction of Household Goods, Antiques & Coins Located at the Denver Fire Hall, 425 Locust St, Denver, PA Harry S Stoner Estate George S Gehr, Irene M Matz & Clarence E Spohn, Executors T Glenn & Timothy G Horst, Auctioneers

SAT JUNE 30 11 AM Public Auction of Real Estate & Farm Equipment Located along Burkholder Rd (66014) Approx 2 miles south of Red Lion on Rt 74 to Godfrey's Ice Cream Bar Turn left on the road leading to New Bridgeville Windsor Twp, York Co, PA C Horace Gipe, Owner Reynold L Burke, Auctioneer

SAT JUNE 30 9 30 AM Public Auction of Valuable Real Estate, Household Goods & Personal Property Located on Sheaffer Valley Rd, R D 2, Landisburg, (Perry Co) PA The York Bank and Trust Co, Trustee for Clara Ackerman Sanford G Leaman, Auctioneer

SAT JUNE 30 - 5 30 PM Public Auction of Vehicles & Office Equipment Located in Camp Hill, PA at the Bell Telephone garage on Appleton St in Camp Hill Vilsmeier Auction Co, Inc, Auctioneers

SAT JUNE 30 9 AM Public Auction of Tractors, Machinery & Furniture Located indoors at the Carnival Grounds just off Rt 73 between Reading and Boyertown in Oley, Berks Co, PA Aurther J Boyer, Owner David S Allgyer, Auctioneer

SAT JUNE 30 - 10 AM Public Auction 2 Day Sale of Antiques Located at the residence at 49 N Carlisle St Greencastle, PA Turn east off US Rt 11 at Cross Roads Dairy G Fred Ziegler Estate Citizens Nat'l Bank, Trust Dept, Executors Edgar J Stull, Auctioneer

SAT JUNE 30 10 30 AM Public Auction of Antique and Old Church Furniture Located in Piney Neck From Chestertown take Rt 20 for about 10 miles toward Rock Hall Turn left at Blue Store (Edesville & Piney Neck Rd) Signs posted just north of Rock Hall, MD Evelyn Reynolds, Owner Harry Rudnick & Sons, Inc, Auctioneers

SAT JUNE 30 - 11 AM Public Auction Consignment Horse Sale Located at Keister's Middleburg Auction Sales, Inc, Rt 522, 3 miles East of Middleburg, PA, 5 miles west of Selinsgrove, PA Don & Walt Keister, Owners Ray Long & Dave Imes, Auctioneers

PUBLIC AUCTION

VALUABLE REAL ESTATE and PERSONAL PROPERTY

SATURDAY, JULY 21, 1984

9:00 A.M.
Real Estate 11:00 A.M.

Located in the village of Elm, Pa. Just off Newport Road at 835 Brubaker Valley Road (near Bombergers Store).

Real Estate: 3 acres M/L Elizabeth Township farmette with large frame constructed farm house, small barn, tobacco shed and storage shed, farm house has kitchen, laundry, diningroom, two livingrooms, large hall entrance, two bathrooms, five bedrooms, closets and other storage, spacious attic, automatic heating system.

PROPERTY INSPECTION:
June 30
1:00 P.M. to 3:00 P.M.
or call 626-6191

Personal Property: Folk Art Wooden Arrow Weathervane, Lehn type wood turnings, Brunnerville pump trough, blue edge Leeds bowl, blue decorated Leeds teapot (no lid), Queens Rose cup and saucer, split oak baskets, tin fat lamp fillers, A.K. Kauffman shaking fork, Mary Gregory tumbler, Majolica plates, half bushel measure, wooden toys, hand carved cane, braided rugs, quilts, quilt tops, linens, redware jug, Cowden decorated jug, Weller vase, dough tray, childs rocker, Victorian corner shelf with carved doghead, pressed glass, 1910 calendar plate, glass basket, saddlers bench, brass cuspidor, oil lamp, tin ice cream dipper, Johann Haviland Bavaria Germany china set of dishes, Azalea Nippon mayonaisse set, Shearton bow front bureau, cottage dresser, rope bed, high chair, wash stand, oak wash stand, half round table, trunks, youth bed, kitchen cabinet, walnut dropleaf ext. table, plank chairs, low dry sink, blanket chest, sewing stand, treadle sewing machine, oak chest of drawers, Victorian one drawer table, Victorian parlor table, cane seat rocker, walnut drop leaf table, clothes tree, round oak china closet with claw feet, modern hutch cupboard, tea cart and dry sink dinette set, color zenith T.V., coffee magic, everyday cookware and kitchen items, Frigidaire refrigerator, Kelvinator, "20 chest type freezer, metal cabinets, lawn chairs, electric sewing machine, electric range, two section spring harrow, potato plow, tobacco lath, sizing boxes, tobacco presses, split fence rails, saws and various other hand tools, wooden wheel barrow, iron kettles, wooden rakes, corn sheller, benches, grain cradle, wide planks, butcher bench, wash boiler, power mower and parts, garden tiller, aluminum ext. ladder, garden tools, coffee grinder, farm show ribbons, lanterns, Manheim 1912 old Home Week book, Winchester mod. 50 semi automatic 12 ga. shot gun, hand carved cow and calf, wooden egg crate, santa doll, ceiling lamps and other items of value not listed.

Auction By
MARGIE SHELLY

E. M. Murry Associates
Auctioneers
626-2636
626-8175

E. M. Murry Associates

287 Lime Rock Road
Lititz, PA 17543
Elmer Murry 626-5244 626 2636
Richard Murry 626 8175 949 2280
Ken Miller 665-2073
Professional Auctioneers
Appraisers and Advisors
Since 1953

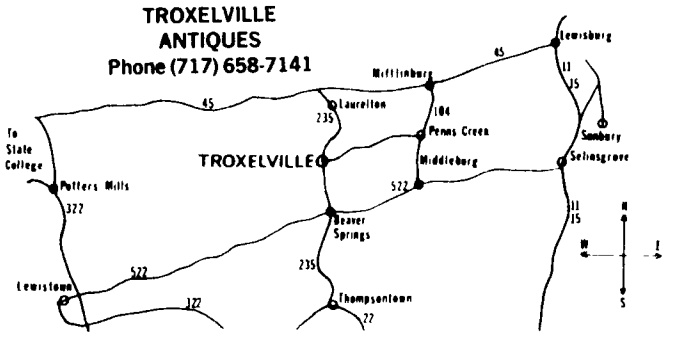
PUBLIC AUCTION ANTIQUE AUCTION

◆ WEDNESDAY, JULY 4, 1984 ◆

AT 9:00 A.M.
TO BE HELD AT TROXELVILLE ANTIQUES
TROXELVILLE, PA

THE LARGEST SELECTION OF ANTIQUE FURNITURE IN CENTRAL PA

TROXELVILLE ANTIQUES
Phone (717) 658-7141



PRIMITIVES & SMALL ITEMS

One and Two Piece Dry Sinks; Corner Cupboards; One and Two Drawer Stands; Fruit Cupboards; Chest of Drawers; Dropleaf Tables; Plank-Bottom Chairs; Plank-Bottom Rockers; One and Two Piece Cupboards; Washstands; Blanket Chests; Doll Cradle; Tool Boxes; Benches of All Kinds; Baby Buggies; Wood Boxes; Child's Rockers; Quilts; Quilt Patches; Baskets; Graniteware; Bennington Ware; Crocks and Jugs (some decorated); Copper Kettles; All Kinds of Hanging and Table Lights; Floor Lamps; Record Player; Clocks; Tin Toys; Stuffed Animals; Pressed Glass; Cut Glass; Depression Glass; Salt and Butter Crocks; Rug Beaters; Cabbage Cutters; Post Cards; Griddles; Flat Irons; Pitcher and Bowl Sets; Roseville; Coffee Grinders; Guns; Picture Frames; Dough Boxes; Butter Churns; High Chairs; Quilt Racks; Mirrors; Kerosene Lamps, Waffle Irons; Rope Beds; Carnival Glass; Pocket Watches and Knives, Butter Molds; Butter Prints; Showcases; New Imported Handmade Rugs, etc.

OAK & MISCELLANEOUS FURNITURE

We will be selling the following OAK FURNITURE: Bedroom Suites, Dressers, Washstands, Princess Dressers, Chest of Drawers, Ice Boxes, Square and Round Tables (some claw feet), Set of Chairs, Rockers, Hall Seats, Beds, Sideboards, Bookcase & Desk Combinations, Stack Bookcases, Ladys' Desk, Kitchen Cabinets, Wardrobes, China Closets, Medicine Cabinets, Organ Stools, Clothes Trees, Pedestal Stands, Office Chairs, Flat & Roll-Top Desks, Library Tables, Filing Cabinets.

Mahogany Dressers; Washstands; Chest of Drawers; Desks; 1930 Bedroom Suites; 1930 Dining Room Suites; 1930 Dressers; 1930 Chests of Drawers; Decorated Bedroom Suites; Hall Tables; Love Seat Sets; Couches; Fainting Sofas; Iron and Brass Beds; Brass Beds; Maple Dressers; Maple Washstands; High Chairs; New China Closets; New Bookcase and Desk Combinations; Hat Racks; Piano Benches; Music Cabinets; Leaded Glass Windows; Wicker Love Seat Sets; Wicker Couch and Chair Sets; Wicker Chairs; Wicker Rockers; Wicker Ferneries; Wicker Stands; Brass and Iron Floor Lights; Marble Top Stands; Showcases; Odd Mirrors; Round and Flat-Top Trunks; Sewing Machines; Odd Beds; 100 Odd Pressed-Back Chairs; Secretary Desks; Walnut Dressers; Walnut Washstands; Walnut Chest of Drawers; Walnut Stands, Walnut Wardrobes; Spool Cabinets, etc.

TERMS: Cash, Travelers Checks, or Certified Checks.
No out of state checks except those having an established account with owner or auctioneer.
We will be selling from 2 different buildings during the course of the day.

OWNER: JOE HERMAN
(717) 658-7141

AUCTIONEERS — Mark J. Jones, Lic. #AU-001595-L
Dale L. Longacre, Lic. #AU-001899-L

SALE HELD INDOORS — CHAIRS FURNISHED — LUNCH SERVED

Public Auction Register

Closing Date Monday, 5 00 P M
of each week s publication

JULY

MON JULY 2 - 12 NOON Public Auction of Horse Farm, Race Horses, Horse Equipment & Farm Equipment Located from Easton to Denton, take Rt 328, leaving Easton Go about 2 miles to Black Dog Alley Rd Turn left Follow signs Don & Dale Milby, Owners Carroll's Sales Co , Auctioneers

MON JULY 2 - 11 AM Public Auction of 132 Head of Holsteins Located at the Smith-Mead Farm along New Design Rd , 1½ miles southeast of Frederick, in Frederick Co , MD Take the exit at 76 Truck Stop off I 70 and follow sale signs George William Smith III, Owner

WED JULY 4 - 9 AM Antiques & Collectibles, Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa. John J Rutt, Auctioneers

WED. JULY 4 - 9 AM Public Auction of primitives and small items, oak and miscellaneous furniture Located at Troxelville Antiques, Troxellville, PA Joe Herman, Owner Mark J Jones and Dale L Longacre, Auctioneers

WED JULY 4 12 30 PM Public Auction of the Second Annual Cumberland Valley Jersey Breeders Sale Located on the Shippensburg Fairgrounds Shippensburg, PA Ralph Horst, Auctioneer

WED JULY 4 - 9 AM Public Auction of Tractors and Equipment Located from Interstate 81 south of Martinsburg, WV Take exit 5 (Inwood) WV, Rt 51 east approx 3½ miles to Shutt's Cash Grocery (Formerly Haines') Turn right 2 of a miles to sale OR from Charles Town, WV, take Rt 51 west Go approx 8½ miles to Shutt's Cash Grocery Turn left 2 of a mile to sale Edgar A Bohrer, Auctioneers

Dairy and Livestock Sales

ESTATE AUCTION

of the Late D. Earl Jeffries on

SATURDAY, JULY 7, 1984

Starting at 10:00 A.M.

Sale under large tent with chairs at Loganton R.D., 3/10 mile west of Interchange #28 on Interstate 80.

REAL ESTATE

To be sold at 1:00 P.M. 147 acres with approx. 200,000 ft. lumber on the stump, 20 acres tillable, 2 trout streams, large frame farm house, 30'x50' garage, farm pond, adjoining thousands of acres of state ground. Great hunting for turkey, grouse, bear and deer plus great trout fishing. Ground borders I-80 and zoned commercial. Estate reserves the right to reject any or all bids on real estate only. Other conditions at time of sale.

ANTIQUE CARS & PARTS

Parts consist of Model T & A parts such as A&T wheels, T&A generators, T steering wheels, T&A axels, distributor caps, A brake shoes & drums, 1½ hp. Hercules 1 cylinder engine, A&T transmission parts, Chev., A&T horns, T fans, 1916 rebuilt T engine, early 1920 T engine, rebuilt 1924 T engine, 1921 T engine, 2 model A engines, T&A radiators, 28 Chev. radiator & shell, 1926-28 General Motors truck radiator, 3 oval T gas tanks, set of early T running board braces, T wishbones, A hoods, 1917-23 closed & 1926-27 open T windshield, two 1923 Chev. disc wheels & rims, brass double action tire pump, 60 hp. Ford cyl. head, 1973 V.w. left front door, T oil pans, T steel radiator shells, Fordson tractor gas tank, 28-29 A cowel, 2 T frames, A front ends & rear ends, T rear ends, drive shafts, A bell housing, speedometers, pr. rare Ryan thin headlights, 1926 Hudson model A headlights, three 1917 Henderson motorcycle heads, T coils including 1914 T coil with key, early hydraulic brass windshield frame, 1928 Chev. steering wheel, water cooled 4 cyl. Waukesha engine, T broken axel devise, head gaskets, airplane wheels, T. headlight, T bow rests, T tail lights, A frame running board brackets, two T frame cross members, A&T front & rear springs, A&T tie rods, T&A steering columns, new A muffler & exhaust, T&A shackles, T starter, T universal joints, T timing gear, T spring hangers, rebuilt A generator, T firewalls, 4 cyl. horizontal German air cooled high R.P.M. engine, oval granite Ford sign, 1915 Pa. plate, and in short if they made it for the Model T or A somewhere we have it.

ANTIQUE CARS

Home made 1926 Ford Roadster with 2 speed rear end, hubs adapted to modern wheels, single rumble seat, 2 bucket seats in front, this is a good runner & must be seen to be appreciated; 1930A Ford coupe body; 1930 model A partial restored chassis with engine & running gear.

GARAGE TOOLS, LUMBER, ETC.

4" vise; South Bend 9" bloor model metal lathe with speed changer; tire changer; Stormizing cylinder boring machine; (like new with original books); some hand tools; bearing hone machine; Craftsman 8" table saw; home made air compressor; electric wet & dry grind stone; valve grinding machine; power hack saw; wood lathe & band saw; two 8 ton hydraulic jacks; metal parts cabinet; Stihl 015L chain saw; big roll heavy gage copper wire; gas powered brush King; McCulloch 2 man chain saw; cant hooks; axes, shovels; 32 ft. wood extension ladder; large metal drawer cabinet full of nuts & bolts; approx. 250 ft. dry cherry lumber; approx. 1,000 ft. misc. hardwood such as walnut, oak & chestnut; 1,500 ft. softwood new 2x6, 2x8, & 2x4; old barn lumber and many more items not mentioned.

ANTIQUES

Copper boiler; picture frames; old wood store boxes; pitcher pump; iron ladel; 2 cannonball rope beds; milk can; cane seat rocker; Atwater Kent radio; wicker baskets; 3 section bookcase; oak high chest with mirror; Aladdin lamp; painted oak washstand; frosted dog covered oval compote; cherry Empire chest; Col. Shoemaker books; 4 drawer cottage chest; wooden beds; Thermo-Control wood stove; modern 2 pc. brown living room suite; round oak coffee table; small blind door 1 pc. softwood corner cupboard; oak kneehole desk & chair; walnut china cabinet & sideboard; 10 bent back plank seat chairs; oak dropleaf extension table; Norge automatic washer & dryer; 30" Frigidaire electric stove; Majestic combination coal & electric stove; old wood box; 2 cord 16" dry split oak; large picnic table; rotary mower; church pew; 2 wooden swings; decorated Cowden & Wilcox crock; F.H. Cowden decorated crock; other crocks; canning jars; M&W 20 cu. ft. chest freezer; 2 wringer washers and many more items not mentioned. This is a long all day sale so don't muss it. Food on premises.

For more information on Real Estate contact the auctioneers or come to open house on real estate only June 25 from 3:00 to 8:00 P.M.

DONNELL M. JEFFRIES & DAVID J. JEFFRIES,
Co-executors
Bob, Chuck & Rich Roan, Inc.
Licensed & Bonded Auctioneers
Box 118 R.D. #3, Cogan Station, PA 17728
Pa. lic. #AU-000777-L and AU-000775-L
Phone 717-494-0170 or 717-998-8281 after 5 P.M.

COUNTRY REAL ESTATE AT ESTATE SALE

WEEKEND RETREAT OR PERMANENT HOME

FRIDAY EVE., JULY 13, 1984

6 room frame dwelling on 1 1/3 acres. 174 ft. river frontage & 174 ft. road frontage. Excellent fishing & boating from a beautiful lawn full of mature trees, roofed pavilion w/fireplace. Must see to appreciate.

For more info or brochure, contact:

Long's Auctioneering Service
RD #1, Port Royal, Pa. 17082
Ph. 717-527-2405 or 2364

PUBLIC SALE

OF HOUSEHOLD GOODS,
ANTIQUES & COINS

SATURDAY, JUNE 30, 1984

9:00 A.M.

To be held at the Denver Fire Hall, 425 Locust Street, Denver, Pa.

1972 Matador Sedan (36,000 Miles)

ANTIQUES — Walnut Dutch Cupboard (12 light), Marble Top Table, 3 pc. Vict. Dec. Bedroom Suite, Fine Walnut Bureau/Desk w/marble top, Grained Blanket Chest, 2 Country Sheraton Tables, Wooden Folding Bed, Cedar Chest, Oak Side Board, Oak Rocker, Walnut & Other Pic. Frames, Towel Rack, Vict. Shelf Clock, Lg. Splint Basket, Red & White Quilt, lg. Tin Flour Can, Agateware, Min. Blanket Chest, Misc. Glass & China Dishes, Indian Pottery Bowl, Spongeware Picher, Amber Glass Slipper, Cobalt Blue Fiesta Bowl, Ovaltine Uncle Wiggley Mug, Beer Trays, Oak Clothes Tray, Kodak No. 3 Folding Camera, Brownie Auto. Folding Camera dated 1909; Many Ephrata & Other Post Cards; 1939, 40 & 46 E.H.S. Yearbooks; Gold Pocket Watch, Watch Chain, Lockets, Stick Pins, etc.

COINS: 1831, 39, 48, 51, 53 & 54 Large Cents; 1875 Twenty Cent Piece; 20 Washington Type Quarters (1934-64); 1836 Capped Bust Half Dollar (50 C.); 22 Walking Liberty Half Dollars; 25 Franklin Half Dollars; 25 Morgan Silver Dollars; 29 Peace Silver Dollars; 1923 Series $1 Silver Certificate; etc.

HOUSEHOLD GOODS - Gov. Winthrop Desk, Windsor Style Desk Chair, Occasional Chairs & Rockers, End Tables, Foot Stools, Enamel Top Kitchen Tables, Stereo & TV Cabinets, Book Shelves, Single Bed with Box Spring & Mattress, Bureaus, Potty Chairs, Sideboard, Benches, Nest of Tables, Hotpoint Auto. Washer, 2 Refrigerators, 2 Elec. Stoves, 27" Zenith Color Console TV, 4 Portable TV's, TV Stands, Floor & Table Lamps, Murray Exercise Bike, G.E. Chord Organ, Metal Utility Cabinets, Folding Chairs & Tables, Picture Frames & Mirrors; Sml. Appliances — Fan, Toaster, Radios, Elec. Knife, Clocks, Shavers, Can Opener, Mixer & Vacuum Cleaner; Typewriters, Cuckoo Clocks, 8 Place Set of International Stainless Steel Flatware, 48 pc. Set of Staffordshire "English partridge" China; Misc. China, Glassware, Pots & Pans; Corning Ware & Pyrex, Figurines, Bedding, Curtains, Linens, Blankets, Umbrellas, 18'x9' Rug, Baskets.

TOOLS, ETC. — Nylon Line Grass Trimmer, 3 ft. Alum. Stepladder, 2 Wooden Extension Ladders, Elec. Rocket Master Saw Matic 8" tilt Arbor Saw, Shopmate & Craftsman Elec. Hand Drills, Vise; Misc. Tools - Hammers, Wrenches, Screw Drivers, Saws, Pick, Axe, Shovels, Rakes, Snow Shovels, etc.; Misc. Hardware, Lg. Stainless Steel Sink, Porcelain Sinks, Lawn Mowers, SPMA Sump Pump, and many items too numerous to mention.

(Automobile & Coins to be sold at 1:00 P.M.)

Terms by:

HARRY S. STONER ESTATE
George S. Gehr, Irene M. Matz, Clarence E. Spohn, Executors
T. Glenn Horst, Auct.-
859-1331 - AU-000438-L
Timothy G. Horst, Auct.
738-1245 - AU-001767-L
George J. Morgan, Atty.

GAP AUCTION

FRIDAY EVE., JUNE 29

5:30 P.M.

Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge.

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION

CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. to 7:00 P.M.

IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254
AU000907-L
CONDUCTORS ALL TYPES PUBLIC SALES

HOFF-MANOR HOLSTEINS COMPLETE HERD DISPERSAL

Scipio Center, New York
(Cayuga County)

WEDNESDAY, JUNE 27, 1984

10:30 A.M.

Sale to be held on the farm on Black Street. Turn off Rt. #34, 1 mile south of Scipio Center to Sherwood Rd., go for 1 mile and turn to Black St., first farm. Scipio Center is 25 miles north of Ithaca and 12 miles south of Auburn.

181-REGISTERED HOLSTEINS-181

A deep blooded herd, which has used only the best bulls over the years. April 26, 1983 classification: 1 Excellent, 18 Very Good, 28 Good +, 13 Good. Many of the top sires of the breed represented (Apache, Bootnick, Elevation, Oak Hill Ranch Kit, Astronaut, Glen Valley Star, to name only a few). 91 Mature Cows (85 Registered & 6 Grades), in all stages of lactation, including 2 sharp registered Red & White Cows, 87 heifers of all sizes (85 registered, 2 grades). Heifer Sires include: Grand Fortune, Apache, and an Astronaut, and many other popular Sires of the Breed. 3 Bulls (one is out of the Excellent Cow). Service Sires include: Mars Tony, Sky-High, Wileeda, Citation R, Elevation Marc, and some young HSDS Sires.

A herd here that has been bred for type and only the best matings used. The cattle have not been pushed to their potential. You will find a herd here for the Holstein Breeder, as well as the Commercial Dairyman, A real opportunity to buy those good pedigreed cattle with nice utters, that have not been pushed. Cattle have been pregnancy examined, Blood & TB Tested and are eligible for immediate interstate shipment day of sale. Most all are Calfhood Vaccinated. Catalogs at Ringside.

SOME MACHINERY SELLING

1974 Ford 350 1 ton Stake Truck, Dual Wheels, Low Milage; Oliver 4 Btm Semi-Mounted Trip Beam Plows; 4 Wheel Wagon w/Hydraulic Dump Box; Brillion Transport Harrow; Some Big Locust 7 ft long, would split and make good fence posts; Clay-Ranger Manger Riding Feed Cart.

Machinery sells first at 10:30 - Cattle directly after - easily by 11:00.

FARM FOR SALE AT PRIVATE TREATY

284 acres, 225 tillable, Honeyoe and Lima Soils, 9 year old concrete block barn, 128 stanchions, L on Barn for Heifers; room for 200 head. (2) 24 x 70 silos, 10 room house. Listed exclusively with Mel Manasse. Licensed Real Estate Broker. A real opportunity to buy a lake country farm.

P.S. Take time out from your busy schedule to attend this sale, you will be glad you did.

Terms - Cash or good check day of sale w/Proper ID.

Owners
RALPH, HELEN, JOHN & GERALD HOFFMAN
Pedigrees
David Kent

MEL MANASSE
Sales Manager & Auctioneer
Whitney Point, NY.
607-692-4540
Lunch Available

PUBLIC AUCTION

3.28 ACRE COUNTRY PROPERTY

SATURDAY, JULY 7, 1984

Auction Time: 2:00 P.M.

LOCATED Between Lebanon and Reading at Myerstown. Take Route 645 North from Route 422, 2 miles, to Rosebud Road. Turn left, proceed 2½ miles to property on Right. Jackson Township, Lebanon County, Pa.

HOLLAND STONE RANCHER

CONTAINING: Large eat-in kitchen with built-in cabinets; living room with built-in bookcase; 1½ baths; laundry room; sewing room; 3 bedrooms with closets on main floor. 4th bedroom in basement.

ELECTRIC HEAT in ceiling with thermostat in each room; wood stove hookup; oil fired hot water heater, and tank; well with pressure system. Cement basement with garage area and cold cellar; plastered walls; attic ventilating fan; lot of closets; wall to wall carpet; water conditioner; underground fuel tank.

LOT SIZE: 742 feet of frontage with 3.28 total acreage.

BE SURE to see this fine country property at OPEN HOUSE - Saturday, June 23 and June 30 from 12:00 Noon to 3:30 p.m. or call 717-866-6008 for appointment.

TERMS: 10% Down day of Auction, balance at Settlement in approx. 45 days. Herin information believed to be accurate but is used for advertising purposes only.

Also selling 10'x14' storage shed and seasoned firewood.

AUCTION BY:

CLARENCE B. & KATHRYN G. MARTIN

Henry Steiner, Attorney

Auction Conducted By:

Paul E. Martin, Auct. AU-001601-L, Ephrata, Pa.
717-733-3511

John D. Stauffer, Auct. AU-001509-L, Lititz, Pa.
717-665-5099

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday, 5 00 P M
of each week's publication

WED JULY 4 - 9 AM Public Auction of Farm Machinery, 4 Tractors, Sawmill, Household Goods, Antiques, Etc Located on farm, 6 miles south of Sunbury, PA 3 miles west of Augustville along Hollowing Run Road (Nth'd Co) Russel Brosius, Owner Fraley Auction Co , Auctioneer

THURS JULY 5 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI JULY 6 - 7 P.M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New HollandPa Abe Diffenbach, Manager

FRI JULY 6 - 7 PM Public Auction of Grain Drying & Storage Equipment, 21 Acres & a 3 Brm Mobile Home Located on Cloverleaf Rd , near Strinstown, PA Take exit 13 off I-83. W Marshall White and John C White, Owners Jack Reedy, Auctioneer

SAT JULY 7 - Public Auction of Real Estate. Located at Lack Twp , Juniata Co , 20 miles south of Mifflin along Rt 35 William J Owens Estate Bryan D Imes, Auctioneer

SAT JULY 7 - 2 PM Public Auction of 3 28 acre country property Located between Lebanon and Reading at Myerstown Take Route 645 North from Route 422, 2 miles, to Rosebud Road Turn left, proceed 2½ miles to property on right Jackson Township, Lebanon County, PA Clarence B and Kathryn G Martin, Owners Paul E Martin and John D Stauffer, Auctioneers

SAT JULY 7 - 11 AM Public Auction of 7 International Truck Tractors & 6 Fruehauf Trailers Located at Heavlow & Sons Garage, Rts 290 and 213, Galena, MD Irwin J Heavlow, Owner Harry Rudnick & Sons, Inc , Auctioneers

SAT JULY 7 10 AM Public Auction of Real Estate, Antique Cars & Parts, Garage Tools, Lumber, Antiques, Etc Located at Loganton R.D , 3/10 mile west of Interchange #28 on Interstate 80 D. Earl Jeffries Estate Bob, Chuck & Rich Roan, Inc , Auctioneers.

TUES JULY 10 - 4 PM Farmersville Auction in Farmersville, 3 mi. East of Brownstown, Lancaster County, Pa. John J Rutt, Auctioneers

WED JULY 11 - 11 AM Public Auction of Farm Equipment. Located west of the Village of Malta, 2 miles south of Dalmatia in Lower Mohanoy Twp , Northumberland Co., PA 6 miles north of Millersburg, 18 miles south of Sunbury, ½ mile off Rt 147 along Mahantongo Creek Rd Farmers Home Administration, Owners Mike & George Deibert, Auctioneers

FRI JULY 13 - 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

FRI JULY 13 - Public Auction of Country Real Estate Long's Auctioneering Service

SAT JULY 14 - 10 AM Public Auction of a 23 Acre Farm, Household Furnishings, Antiques, Collectibles & Farm Equipment Located on the east side of the Village of Lavelle, Butler Twp , Schuylkill Co , PA 6 miles north of I-81, exit 35, 2 miles west of Ashland Watch for auction sign along Main St , Lavelle/Estate of Justina Stepanchick Robert B Sacavage & John Stepanchick, Co-Executors Mike Deibert, Auctioneer

SAT JULY 14 12 PM Public Auction of a 46 Acre Farm Located at Carsonville, PA , Jefferson Twp , R D 2, Halifax, approx 12 miles east of Rt 225 on Powells Valley Rd or Carsonville Rd , or 1 mile south of Elizabethville on Rt 225 to the Mountain House Road and 9 miles south to Powells Valley Rd Then 1 mile to sale John Stehman, Owner. Ed Shoop & Dave Deibler, Auctioneers

GOOD'S AUCTION

111 N. Maple Ave. Leola Pa.

Hay and Straw Sales Every Wed.
At 12:00 Noon

FARM MACHINERY SALES
FIRST AND THIRD WED.
FEB. THRU OCT.
AT 9:00 A.M.

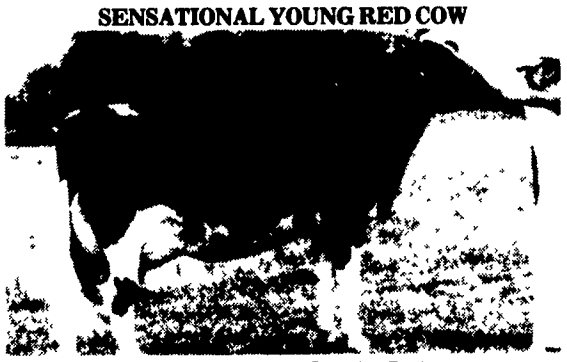
Loading Hours 8:00 a.m. To 6:00 p.m.

ALL KINDS OF BUILDING MATERIAL
At 11:00 A.M.

No Household Items
No Junk
No Out Of State Checks
Flea Market Stands Available
First and Third Wed.
At $3.00/$4.00

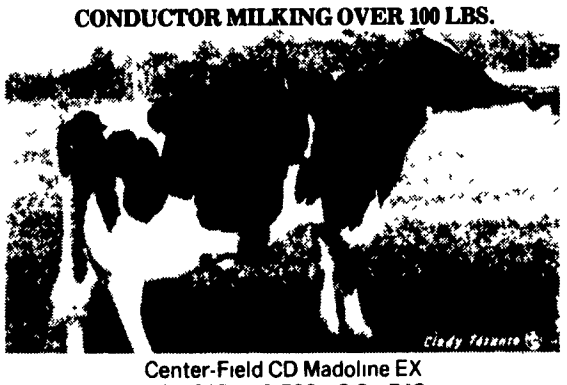
Goods Auction
111 N. Maple Ave.
Leola PA. 17540

SENSATIONAL YOUNG RED COW



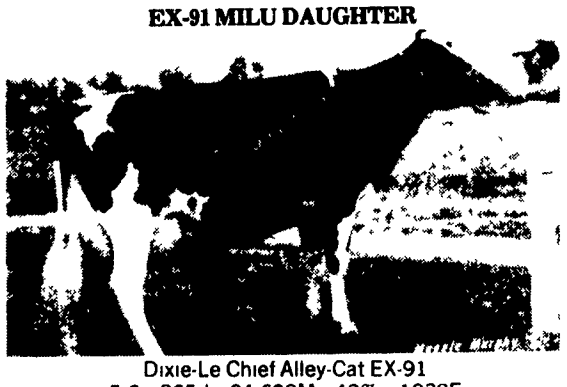
C Hanover Hill T Phoebe-Red
3-7 342 18,620 3.6 672
Her dam VG with 19,000, second dam EX with 19,000M, third dam VG with 30,000M Sired by Triple Threat Fresh June 8, 84 - Her Red heifer calf by Willeda Citation R sells

CONDUCTOR MILKING OVER 100 LBS.



Center-Field CD Madoline EX
2-9 365 19,723 3.8 743
A Conductor from an EX dam with over 21,000M Next dam is EX-91 and has over 24,000M Recently bred to Pawnee Farm Arlinda Chief

EX-91 MILU DAUGHTER



Dixie-Le Chief Alley-Cat EX-91
5-6 365d 24,690M 42% 1030F
Her VG dam has over 21,000M Next dam is EX with 22,000M Her full sister sold for $60,000 Due before sale to Wileeda

HOLSTEIN AUCTION

SMITH—MEAD FARM

At the farm located along New Design Road, 1½ miles southeast of Frederick, in Frederick Co., Md. Take Exit at 76 Truck Stop off I-70 and follow sale signs.

130 REGISTERED HOLSTEINS—2 I.D. GRADES
80 COWS—50 HEIFERS OF ALL AGES
TESTED FOR INTERSTATE—
PREGNANCY CHECKED
MONDAY, JULY 2, 1984
11 00 A.M

TERRIFIC TYPE

Scored last August with 109.6 BAA on 72 cows.
24 EX — 40 VG — 8 GP
Maryland's Highest BAA Herd!

Everything selling that is scored is either EX or VG except 7 GP cows Many unscored two-year olds that will score high and show well

PLEASING PRODUCTION

Rolling DHI Herd Average — 17,302M 3.8% 650F
28 selling from 20,000M to 30,000M

A number recently fresh — many due in September and October Plenty of base milk!

A FEW SALE FACTS

35 sell from EX dams
105 sell from EX and VG dams

Great depth of pedigree — several from 3 generations of EX dams

FANCY SHOW PROSPECTS INCLUDE:

A Pete dtr (3 yrs old) who made 2-6 365 20,460 3 8 768 Fresh with a Columbus calf (selling) and already at 94 lbs
A Jewel 2 yr old (1983 All-Ind Jr Yrlg) fresh with a Columbus heifer calf (selling). Dam EX, next two dams VG (all over 100,000M) Outstanding heifers for all classes with pedigrees to match their type
Two fantastic I D grades — selling fresh
You'll like the Pete, Astronaut, Matt, Triple Threat and Quality Ultimate cows, and the Columbus and Tony heifers
Service sires Columbus, Valiant, Triple Threat, Wileda, Hanover Hills Successor

Note: This offering combines full deep pedigrees with the type and production seldom found in one herd — a real buyer's opportunity!

GEORGE W. SMITH III

5504 New Design Road **Frederick, MD 21701**

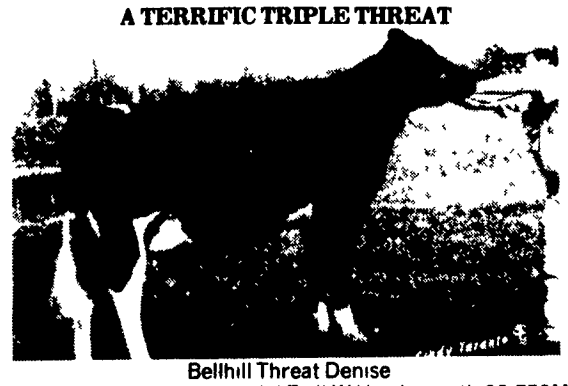
Ph. 301-663-9006

For catalogs call or write:

George William Smith
P O Box 38
New Midway, MD
Ph 301-845-8815

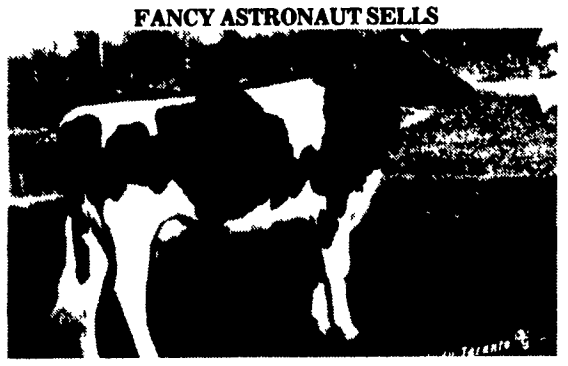
A Doty Remsburg
P O Box 177
Jefferson, MD 21755
Ph 301 473-8214

A TERRIFIC TRIPLE THREAT



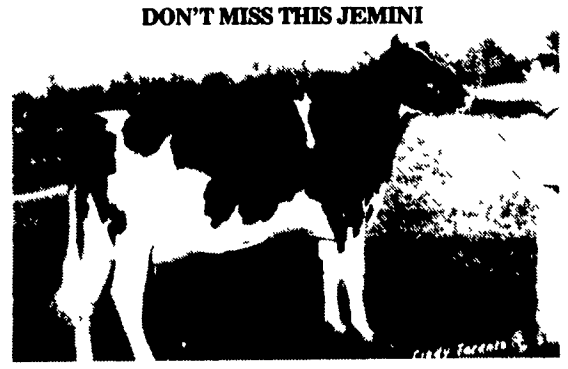
Bellhill Threat Denise
A fancy two yr old from a 92-2E all-W Va dam with 23,750M, 2nd dam is VG-88 with 22,510M She will show! Her Columbus calf sells

FANCY ASTRONAUT SELLS



Whittier Farms Astro Mindy
A great heifer Her EX Elevation dam sold for $30,000, 2nd dam is EX and over 100,000M lifetime, 3rd dam VG and over 20,000M

DON'T MISS THIS JEMINI



Kingstead Smith-Mead Angie
Making a good 2 yr old record and due ... Aug to Columbus Dam VG Fond Matt - 2nd dam 2E-92-3rd dam VG

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT JULY 14 - Public Auction of Real Estate & Farm Machinery Located at R D 2, Port Royal Harvey J Stake Estate Bryan D Imes, Auc tioneer

SAT JULY 14 - 9 30 AM Public Auction of Line Equipment, Trucks & Vehicles Located in Astoria, NY at the Con Edison facility at 20th Ave & 31st St Vilsmeier Auction Co, Inc, Auc tioneers

SAT JULY 14 10 AM Public Auction of shop equipment, tractor wood splitter, good tools, per sonal property, etc Located #200 Mt Plea sant Ave, Oxford, PA 30 miles from Lancaster PA Estate of Grant, Prewitt, Whiteside and Associates, Auctioneer

SAT JULY 14 9 AM Public Auction of the Lititz Area Menn School Annual Benefit Sale of Quilts Located at 1050 East Newport Rd, Lititz, PA Take Rt 501 North of Lititz to Newport Rd Turn right approx 2 miles to the school on right John Stauffer, Paul E Martin & Others, Auctioneers

TUES JULY 17 4 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt Auctioneers

TUES JULY 17 - 1 PM Public Auction of Four Large Structures Located off Rt 372, 4 miles west of the Buck at Muddy Run Park enterence 1st farm on right 15 miles south of Lanc on Rt 272 Jacob R Groff, Owner J Everett Kreider, Auctioneer

THURS JULY 19 Mon thly Cow Sale at Mel Kolb, Inc, Maryland Farm Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

THURS JULY 19 - 10 AM Public Auction of Con struction Equipment Located in Aston, PA at the Elser & Diviney's yard and shop facility on Pen nell Rd Vilsmeier Auction Co Inc, Auctioneers

FRI JULY 20 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lan caster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auc tioneers

SAT JULY 21 - 10 AM Public Auction of clean sweep contents of welding shop equip, H/D manure feeder, sandblaster, trucks, tools, machine shop items, etc Located 2 miles S of Avondale, PA ½ mile off Rt 41 on Penn Green Road 30 miles from Lancaster, PA David Counts, Owner Whiteside and Associates, Auc tioneers

SAT JULY 21 11 AM Public Auction of Farm Machinery & Grain Trucks Located on Cox Nec Road, just off Rts 50 & 301 2nd traffic light north of the Bay Bridge Queen Anne Co, Chester, MD John W Legg, Owner Harry Rudnick & Sons, Inc, Auctioneers

SAT JULY 21 9 AM Public Auction of Valuable Real Estate and Personal Property Located in the village of Elm, PA just off Newport Rd at 835 Brubaker Valley Rd (near Bombergers Store) Margie Shelly, Owner E M Murry Assoc, Auc tioneers

TUES JULY 24 4 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneers

THURS JULY 26 - 10 AM Public Auction of Well Drilling Equipment Located in Dublin, PA at Sam Moyer's shop facility in Dublin Vilsmeier Auc tion Co, Inc, Auc tioneers

THURS JULY 26 - 12 Noon 8th Annual Yankee Syndicate Sale of 50 pro duction bred Jerseys Located at the Fair Weather Farm, New Lebanon New York

FRI JULY 27 7 00 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

FRI JULY 27 7 PM Public Auction of Bred and Open Gilts and Boars Located at the Lebanon Fairgrounds, Lebanon, PA PA Duroc and Yorkshire Association, Owners Harry Bachman, Auctioneer

FRI JULY 27 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lan caster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auc tioneers

SAT JULY 28 9 AM Public Auction of 20 Bucket Trucks, Line Equipment & Several Vehicles Located in Jackson, Michigan at 2917 Wildwood Ave The Consumers Power Co, Owners Vilsmeier Auc tion Co, Inc, Auc tioneers

TUES JULY 31 4 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt Auctioneers

AUG

THURS AUG 2 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

Dairy and Livestock Sales

PUBLIC AUCTION

OF FOUR (4) LARGE STRUCTURES

Location: Off Route 372, 4 miles West of the Buck at Muddy Run Park entrance. First farm on right, 15 miles South of Lancaster on Route 272.

TUESDAY, JULY 17, 1984

1 P.M.

25x80 harvester with Goliath unloader; 20x70 harvester with Hercules unloader; 62x14 Flurry Store, turn key with pump and agitator. Built in 1981; 30x80 Madison Stave Silo with Star Line ring drive unloader and roof. Built in 1981. Unloaders will be offered separately.

10% down. Balance 60 days or before moving.

Terms by:

JACOB R. GROFF

717-284-4796

J. Everett Kreider
AU-0512-L

CONSIGNMENT HORSE SALE

SPECIAL DRAFT & DRIVING HORSES

Also
RIDING & SLAUGHTER HORSES

SATURDAY, JUNE 30, 1984

11:00 A.M. Sharp
Tack To Be Sold At 8:30 A.M.

Keister's Middleburg Auction Sales, Inc. Rt. 522 3 miles East of Middleburg, Pa. 5 miles west of Selinsgrove, Pa.

Work Horses.
Lot of Local Draft Horses.
Several loads sharp Standardbred Driving Horses.

For information call: 717-922-1490 or 717-837-2222 or 717-523-0360

Keister's Middleburg Auction Sales, Inc.
Rt. 522 R.D. 3 Middleburg, PA
Owners,
DON & WALT KEISTER

Ray Long & Dave Imes, Auctioneers
Terms: Cash Trucking Available Restaurant Open
NEXT HORSE SALE SAT., JUNE 30

W W WARNER

HERD DISPERSAL

at the Shady Lane Dairy Sales, Inc.

FRIDAY, JUNE 29, 1984 8:00 P.M. DST

75 HEAD REGISTERED & HI GRADE HOLSTEINS

This herd consists of 45 head, some just fresh with several due throughout base months. There were 67 head in this herd but really culled hard, so the 43 head are the right kind. Also 30 head close and fresh cows from Dispersal Sales.

This Is A Good Group Of Cows. Make Your Plans To Attend This Dispersal June 29th, 8 P.M. DST.

30 Day TB and Blood Test, Pregnancy Checked Before Sale!

SHADY LANE DAIRY SALES, INC.
Quarryville #4
Phone- Glenn 1-717-786-2750
Dave 1-717-786-1725

Next Dispersal Sale 65 Head All Home Raised Cows From Maryland, July 13, 8 P.M.

Private Sales Daily, We Have A Good Group of Springing Cows And Heifers On Hand.

Call Anytime!

SECOND ANNUAL CUMBERLAND VALLEY JERSEY BREEDERS SALE

WEDNESDAY, JULY 4, 1984

12:30 P.M.

Shippensburg Fairgrounds, Shippensburg, Pa.

36 Registered Jersey Cows and Bred Heifers - All either recently fresh or due this summer and fall. Consigned by breeders in Pennsylvania and neighboring states. Many popular AI sires and promising young sires featured.

Every day more markets are paying their producers a protein bonus - be ready - take this opportunity to add more PROTEIN to your tank as well as increased butterfat test.

John and Amy Vanderstappen, Greenville, Pa.: Young cow out of Briarcliffs Oracle with over 5.0% BF and 3.9% Protein test, her dam Excellent with over 16,000 milk and 700 ft.

Thomas Wivell, Mansfield, Pa: Mercury daughter, her dam has over 14,000 lbs. milk.

John and Ginger Myers, Littlestown, Pa.: Bred heifer by Irish Creek General Grit, dam Very Good Earl daughter with 5.0% test.

Robert Ulrich, Jr., Quarryville, Pa.: Two bred heifers, one due to Sandblow Warrior with a dam over 600 lbs. fat as a 2 yr. old, the other is bred to Mayfield Volunteer and her dam has over 13,000 lbs. milk and 600 lbs. fat.

Ogston Farm, Columbus, NJ: Bred heifer due in July; dam is a Generator with over 17,000 lbs. milk.

Bill and Susan Dietrich, Newburg, Pa.: Bred heifer with dam and granddam Very Good; both have 3.8% protein test.

Waverly Farm, Clearbrook, Va.: Three year old due in August, her dam is a Very Good Generator with over 14,000 lbs. milk and 600 lbs. fat.

David and Robin Phillips, Mohrsville, Pa.: Two bred heifers, one an Earl daughter with a dam testing 5.5% fat with 4.2% protein; the other a Celias Master, her dam tests over 5.0% F and 4.1% P.

James and Louise Beyer, Doylestown, Pa.: Bred heifer by Shadewell Fascinator, her dam projected to 12,842 M, 724 F with a 4.0% protein test.

Tom Williams, Middletown, Pa.: Quicksilver Noble daughter, her dam a Secret Baronet with over 12,000 M, 5.0% F, 3.7% protein test.

Clifford Stiles, Toms Brook, Va.: Bred heifer out of Jodys Noble Surville, her dam a VG 84 Advancer Sleeping Milestone.

Ernest & David Norman, Liberty, Pa.: Three yr. old due in September with 5.3% fat and 4.4% protein, her dam also over 5.0% F and 4.0% P; also a high testing 4 Yr. old, her dam has up to 5.7% fat test.

John McConnell, Volant, Pa.: Young cow due August 4 with over 11,000 lbs. milk, 582 fat with a 4.3% protein test.

Vantage Jerseys, Fredonia, Pa.: A Very Good young cow with 11,690 M 5.4% 627 F at 3-11 with a 4.0% Protein test.

Thomas Arrowsmith, Peach Bottom, Pa.: Two yr. old Deni Milestone out of a Forest Midnight, granddam over 15,000 lbs. milk.

George & Doris Hough, Peach Bottom, Pa.: Bred heifer out of Sample Generator, Granddam has over 13,000 lbs. milk.

David and Florence Robinson, Waynesboro, Pa.: Young cow by Quicksilver Golden Lad with a 5.5% fat test, 3.9% protein test; also three bred heifers one is due to top Brass, one has Generator dam with 9 records over 5.0% fat test and 3.9% protein test, and one by Celias Master bred to Master Milestone C.

Helen McCahon, Downington, Pa.: Show winning bred heifer by Advancer Sleeping Milestone, dam and granddam Very Good.

Patty Jenkins, Toughkenamon, Pa.: Two bred heifers, one by Advancer Sleeping Milestone, dam by Samson with 5.5% fat test and 3.8% protein test; the other a Favorite Saint due in September to Stardust Gemini.

Robert & Helene Dreisbach, Hamburg, Pa.: Two bred heifers, one by Favorite Secret Triumph and out of a good testing Frederick cow, the other by Lotus Duke, her dam is Very Good with almost 15,000 lbs. milk.

Robert Eick, Columbia Cross Roads, Pa.: Fresh cow sired by Finalist of Marlu, dam has over 11,000 lbs. milk.

William Eick, Columbia Cross Roads, Pa.: Fresh 2 Yr. old by Celias Master, dam has over 12,000 lbs. milk and 600 fat; also a Very Good four year old with first two records over 11,000 lbs. milk, 4.8% F, 3.9% P, dam has over 700 lbs. fat with 4.1% protein.

Mildred Seeds, Downingtown, Pa.: Two yr. old Samson with over 10,000 lbs. milk at 1-10, dam a show winning Advancer Sleeping Milestone.

William Swingle, Canton, Pa.: Four yr. old cow due October 4, made 11,000 lbs. milk as a 2 yr. old.

Toffee Syndicate, Chambersburg, Pa.: Four yr. old cow with a 5.8% test, also her Master Milestone C daughter due in September to Favorite Saint.

Be sure your Fourth of July plans include attending this sale!
Free lunch and Jersey hospitality available at sale!

For catalogs, contact: Bill Dietrich
R.D. #1, Box 229
Newburg, Pa. 17240
Ph. 717-423-6758

Ralph Horst, Auctioneer
#AU-000437L

Dairy and Livestock Sales

Public Auction Register

THURS AUG 2 - 9 AM Engines, Marine Gas Public Auction of Steam Engines, Antique Farm Machinery, Six Peerless Saw Mills and Steam Equipment Accessories Located in Centreville, MD Robert & Miriam Dean, Owners Col Ross Rhodes, Auctioneer

THURS AUG 9 - Public Auction of Complete Purebred Dispersal for Cedarcrest-Vu (Don Eastburn Family) to be held at Mel Kolb, Inc 2220 Dairy Road West of Lancaster on Dairy Road, Take Rt 283 west of Lancaster, exit beyond ABC Stud Barns at Flory Mill Rd turn left after exiting, go to Mill, then sharp right under railroad bridge Barn is within sight of Rt 283

FRI AUG 10 - 9 AM Farm Machinery Sale at New Holland Sales Stables, Inc. 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

FRI AUG 10 - Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

FRI AUGUST 10 - 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT AUG 11 - 12 30 PM Herd Dispersal of 55 Head located 2 miles northeast of Bernville off Shartlesville Road, east on Irish Creek Road, 1 mile to first farm on left, 4 miles south of Shartlesville, 4 miles west of Centerport, Berks Co Wilbur and Pauline Hartranft, Owners, Paul Snyder and Alvin Horning, Auctioneers

THURS AUG 16 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

FRI AUGUST 17 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT AUG 18 - 12 Noon Public Auction of the 5th Annual Prince Plaudit Production Sale of Appaloosa Horses Located in Strattanville, PA. Rim Wolk Farm, Dave Stahlman, Owner Davis & Templeton, Auctioneers

SAT AUG 18 - 9 AM Public Auction of the 16th Annual Community Sale Selling Farm Equipment, Household & Antiques Located at Leesport Auction Grounds, Rt 61 N of Reading, PA Sponsored by the Berks Co Ponoma Grange 7 Auctioneers

FRI AUG 24 - 7 00 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

FRI AUG 24 - 7 PM Public Auction of the Lebanon Co. Holstein Club Annual Holstein Sale Located at the Lebanon Area Fairgrounds, Lebanon, PA Harry H Bachman, Auctioneer

FRI AUGUST 24 - 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SEPT.

THURS SEPT 6 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster PA

FRI SEPT 7 7 00 P M Holstein Promotional Sale at New Holland Sales Stables, Inc 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager

FRI SEPT 7 - 7 PM Public Auction of a Holstein Promotion Sale Located at New Holland Sales Stables, Inc 12 miles East of Lancaster off Rt 23 Abe Diffenbach & Norman Kolb, Auctioneers

TUES SEPT 11 7 PM Public Sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 off I-81, 717 249 4511

FRI SEPT 14 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

FRI SEPT 14 - 7 PM Public Auction of the District Relief Heifer Sale for the Church of the Brethren Located at the Lebanon Fairgrounds, Lebanon, PA Claire Kreider, Manager

THURS SEPT 20 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

FRI SEPT 21 Landisburg, PA Kling's Fall Invitational William Kent, Bergen, NY Pedigrees Kling's Auction Sale Managers

SAT SEPT 22 - Public Auction Benefit Sale for West Fallowfield Christian School Located 2 miles south of Atglen, PA along Old Rt 41, Newport Pike Leon Kurtz, Auctioneer

TUES SEPT 25 7 PM Public Sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 off I 81, 717-249 4511

SAT SEPT 29 12 Noon Red Carpet Horse Sale Public Auction of Registered Quarter, Appaloosa and Thoroughbred Horses Located at the Cambria Co Fairgrounds Edensburg, PA Kevin Hines and Chris Rowe, Owners Davis and Templeton, Auctioneers

SAT SEPT 29 Consignment Heifer Sale to Benefit Elementary Christian Schools Located 6 miles east of Lancaster at the Guernsey Sales Pavilion Larry Kennel, Manager

OCT.

THURS OCT 4 - Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, PA

TUES OCT 9 7 PM Public Sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 off I-81, 717-249-4511

WED OCT 10 - 12 Noon Public Auction of the Western PA Sale of Stars Located in Butler, PA

FRI OCT 12 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

SAT OCT 13 - 10.00 A M Annual Fall Heifer Sale at New Holland Sales Stable, Inc 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager

THURS OCT 18 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

TUES OCT 23 - 7 PM Public sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 off I-81, 717-249-4511

TUES OCT 30 - 7 PM Public Sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 I-81, 717-249-4511

WED OCT 31 - 12 Noon Annual Dairy Show and Sale at New Holland Sales Stables, Inc 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager

NOVEMBER

FRI NOV 2 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI NOV 9 - 9 00 A M Public Sale of Farm Equipment at New Holland Sales Stable, Inc Located 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager

FRI NOV 9 - 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market Inc

THURS NOV 15 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

DECEMBER

FRI DEC 7 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI DEC 14 - 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market Inc

THURS. DEC 20 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

DEALER IN ALL KINDS OF LIVESTOCK

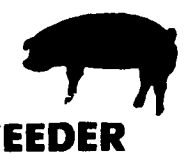
Also Crippled & Down Cattle

MARLIN S. IRWIN

Quarryville, PA

PH: 717-786-3016

FEATURING FIRST AND THIRD MONDAY EACH MONTH



GRADED FEEDER PIG SALE

1:00 p.m. Sharp!

Telephone 302-734-2016 or 284-4541

Tele-O-Auction - 302-284-4912

* Tele-O-Auction - Bid over the telephone.
* Easy to reach - Rt. 13, on South Bound Lane, approximately 10 miles South of Dover, Delaware.
* Quick Service - Load & Unload.
* No Dealer pigs.
* Pigs received after 7 a.m. until 11 a.m.
* Consignors - Paid day of sale.
* Veterinarian inspection on premises - Dr. Towers.
* State Graded.
* Pseudorabies Free State.

Auctioneers-Harry Barrett - Chester Lee Carroll

AUCTIONS OF ALL TYPES

Carroll's Sales Co., Inc.

PUBLIC SALE

OF 21 DAIRY COWS

WEDNESDAY, JUNE 27, 1984

1 p.m. Sharp

Some cows in full flow of milk, few dry & few going dry.

* Cows tested for interstate transfer.

SELLER

NORRIS WALLER

Georgetown, Delaware

AUCTIONEER

Chester Lee Carroll

MELVIN KOLB, INC.

Lancaster, PA — Woodsboro, MD

- 100 Big Fancy Grade Springers.
- 50 Good Fresh Cows.
- 50 Purebred Cows.
- 20 Big 1200 lb. Purebred Heifers Due June And July.
- 50 500 lb. Open Heifers Vaccinated.
- 40 Shortbred Heifers
- Several Purebred Breeding Age Bulls With Good Pedigrees.
- 2 Good Big Teams of Work Horses, Sorrels & Bays.

Lancaster, PA
717-569-6800/2106
Next Sale
Thurs. July 5
7:30 P.M.

Woodsboro, MD
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Next Sale
Thurs. July 19
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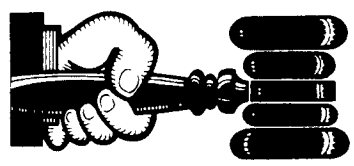

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